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# FINANCIAL TIMES

No. 27,690

Tuesday October 17 1978

\*\* 15p



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## NEWS SUMMARY

### Pole elected as new Pope

The first non-Italian Pope for 450 years was elected yesterday. He is Cardinal Karol Wojtyla of Poland and he will take the name John Paul II, in honour of his predecessor, who reigned for only 33 days.

The decision came as a complete surprise and met with a muted reaction from the crowds assembled in St. Peter's Square.

The new Pope was Archbishop of Cracow. He is only 58, the son of a factory worker and before becoming a priest he too worked briefly in a chemicals factory.

## GENERAL

### Minister calls off seal hunt

The controversial cull of grey seals in the Orkney Islands was called off by the UK Government last night in major victory for conservationists.

Bruce Milban, Scottish Secretary, said the Norwegian hunters were being withdrawn because of "public concern".

The cull has attracted world attention as the Greenpeace conservation group played a cat and mouse game with the Norwegian seal ship Kvitingen.

**Hope for tanker**

Hopes of preventing serious pollution from the stricken Greek oil tanker Christos Biris were rising as gale force winds began to slate and pumping operations were stepped up.

The factor will be operated by Hoffman-La Roche's UK subsidiary, Roche Products, it will be created by the plant.

**Prentice out**

Reg Prentice, former Labour Minister, made the last-minute withdrawal from the contest for selection as Tory candidate in Moray and Nairn. Mr. Prentice said he had made his decision after spending the weekend in the area.

**Dying Telegraph**

Lord Hartwell, chairman and editor-in-chief of the Daily Telegraph, warned that the paper was "bleeding to death" and that it would not be very long before bankruptcy ensued. A printing dispute has entered its 10th day. Page 8

## Nobel economist

The 1978 Nobel Prize for Economics has gone to Prof. Herbert A. Simon of the U.S. Carnegie Mellon University for his "pioneering research into decision-making processes within economic organisations." Page 2

## Fire tragedy

Michael Averoff, a Greek ship-owner, his wife and baby daughter died when fire gutted their mansion at Esher, Surrey. Firemen found Mrs. Averoff calling for help and she was rescued, but died later.

## Namibia talks

Diplomats said the opening session of the Pretoria summit on Namibia had been in a climate which was "conducive to compromise". But South Africa and the five Western powers have not yet talked about the major stumbling-block, which is the question of unsupervised elections. Back Page

## Briefly...

Car ferries between Holyhead and Ireland resumed after the weekend pay dispute.

Man burned himself to death outside a Queensland coal mine in protest at being forced to join a union.

Train service between Iran and Pakistan was stopped without explanation at Iran's request.

Man aged 72 has been charged with sending a murder threat to union leader David Basnett.

Blue Peter, the BBC Television children's programme, celebrated its 20th birthday. Page 32 and Lex

## CHIEF PRICE CHANGES YESTERDAY

FALLS	
Excheq. 12pc	1899-02-208-1
Anglo Am. Ind.	530 -30
Brit. Home Stores	204 -5
Dunbee-Comber	120 -4
Ransome Sims	178 -10
Redfearn Nat. Glass	280 -7
Simon Eng.	270 -6
Spirax-Sarco	162 -4
Steel Bros.	213 -20
Turner & Newall	1773d -54
Anglo American Corp.	248 -10
Buffels	758 -58
Kinross	302 -20
Kloof	542 -20
Petrol Stores	49 -3
Walls	88 -6
Geoffrey	155 -5
Pacific Copper	68 -19
Ramfontein	231 -14
Saint Phran	76 -5
RITES	RTZ

### State aid to back £140m Roche plant in Scotland

BY JOHN ELLIOTT AND RAY PERMAN

A £46m package of State industrial aid put together by the Government in the past six months led the Swiss pharmaceutical group Hoffmann-La Roche to announce yesterday that it would build a £140m C plant in Scotland.

Alternative sites in the U.S. export 90 per cent of its output and elsewhere in Europe have and reintroduced vitamin C manufacture by the company factory to Britain after a ten-year gap.

This is the biggest grant yet offered under the selective investment scheme, and makes the total package one of the largest assembled by the Department of Industry, which is using its 1972 Industry Act powers to attract foreign projects.

There will be £20m expenditure by local authorities on water and sewerage facilities, plus a railway spur. The factory will be next to a Hoffman-La Roche plant at Dalry, Ayrshire.

The deal, to be reported to Parliament next month, was negotiated by a Whitehall team led by Mr. Alan Williams, Minister of State for Industry.

Mr. Williams said it would bring substantial industrial and balance-of-payments benefit and will strengthen our industrial base in pharmaceuticals.

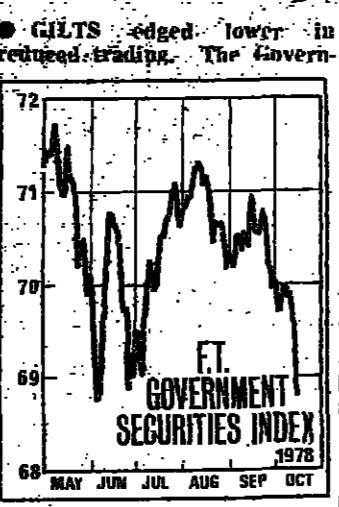
The factory will be operated by Hoffman-La Roche's UK subsidiary, Roche Products, it will be created by the plant.

**EQUITIES** gave fresh ground on suggestions of price curbs and stricter Price Commission monitoring of companies breaking the 5 per cent limit. The market steadied later and the FT Industrial Ordinary Share Index closed only 1.4p up at 494.6.

**GILTS** edged lower in reduced trading. The Government Securities Index closed 21.92 down at 875.17—its steepest fall in almost four years—due to interest rates worries and disappointment over Congressional action on the tax and energy Bills.

**TOKYO:** Nikkei-Dow Jones average rose 45.69 to a new post-war high of 5,792.06.

**FT. GOVERNMENT SECURITIES INDEX**



Securities Index closed 0.27 down at 68.79 its lowest level since June this year.

**DOLLAR** declined after a firm start its trade-weighted index widening to an all-time record of -6 (10.2) per cent.

**STERLING** closed 25 points up at \$1.8890, its trade-weighted index improving to 62.2 (62.1).

**GOLD** closed \$1 an ounce down at \$224. The New York Comex October settlement price was \$227.10 (\$224.20). Standard grade cash tin rose by 545—the biggest ever single daily increase—to close at a record \$7.844 a tonne.

**DEPARTMENT OF TRADE** said that the index of volume of retail sales was provisionally estimated at 110.5 last month representing a 1 per cent decline on the average level of the previous two months. Back Page

**TATE AND LYLE** is negotiating with Anglo American Industrial Corporation the sale of the British sugar group's remaining major South African investment—the 51.6 per cent stake in African Products. Back Page and News Analysis, Page 24

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**DEPARTMENT OF TRADE** said it was unclear whether the recommendation from the company's union council would be accepted

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**RUGBY** Portland Cement Company pre-tax profit advanced 7.1 per cent from £5.88m to a record £6.25m in the first half of 1978. Page 32 and Lex

**CHIEF PRICE CHANGES YESTERDAY**

(Prices in pence unless otherwise indicated)

**RISSES**

Albion ..... 26 + 6

Anderson's Rubber ..... 54 + 9

Barr & W.A.T. ..... 169d + 8

Brook St. Bureau ..... 85 + 5

Dixon (D.) ..... 108 + 5

Edwards (L.C.) ..... 161 + 5

Foster Foss ..... 68 + 5

Lambert Howorth ..... 54 + 6

Midland Educational ..... 225 + 5

Mitford Docks ..... 128 + 6

Mining Supplies ..... 106 + 6

Peters Stores ..... 49 + 3

Walls ..... 88 + 6

Geoffrey ..... 155 + 5

Pacific Copper ..... 68 + 19

Ramfontein ..... 231 - 14

Saint Phran ..... 76 - 5

RTZ ..... RTZ

**FALLS**

Excheq. 12pc

Anglo Am. Ind. ..... 530 - 30

Brit. Home Stores ..... 204 - 5

Dunbee-Comber ..... 120 - 4

Ransome Sims ..... 178 - 10

Redfearn Nat. Glass ..... 280 - 7

Simon Eng. ..... 270 - 6

Spirax-Sarco ..... 162 - 4

Steel Bros. ..... 213 - 20

Turner & Newall ..... 1773d - 54

Anglo American Corp. ..... 248 - 10

Buffels ..... 758 - 58

Kinross ..... 302 - 20

Kloof ..... 542 - 20

Petrol Stores ..... 49 - 3

Walls ..... 88 - 6

Geoffrey ..... 155 - 5

Pacific Copper ..... 68 + 19

Ramfontein ..... 231 - 14

Saint Phran ..... 76 - 5

RTZ ..... RTZ

## CONTENTS OF TODAY'S ISSUE

European news ..... 2-3

American news ..... 4

Overseas news ..... 5

World trade news ..... 6

Home news—general ..... 8-9

—labour ..... 10

Technical page ..... 14

Management page ..... 13

Arts page ..... 15

Leader page ..... 16





## Report from Number One Wall Street

How Irving's Corporate Financial Counseling works for companies.

**Practiced and practical.** Each year, Irving's Corporate Financial Counseling professionals hold seminars on subjects of interest to corporate managers. And when Victor Suhar, International Group Manager, conducts sessions, the subjects are international in scope.

"We're reworking practitioners," he explains, "so we speak from experience."

Recently, for example, we were retained as counsel on foreign exchange risk management by a U.S. manufacturer of industrial equipment having heavy equity participations abroad. Our assignments: first, design a program to

reduce foreign exchange risk. Then, evaluate the company's equity investments overseas.

"Later, a European affiliate engaged us for a recapitalization and a five-year financing plan.

"Experience like this enables us to make successful recommendations for our clients worldwide."

**Independent, informed counsel.** "Last year alone, some 500 companies called on our services to meet a wide variety of needs." Speaking: Harry Lund, Domestic Group Manager, Corporate Financial Counseling.

"Broadly, we're corporate consultants on all matters of long-term finance and financial management. We assist our customers

in areas ranging from mergers and private placements to dividend policy and profit goals. We're a source of up-to-date information and insight on financial issues. And we've as supplemental staff to help with big or urgent projects.

"But most of all, we offer something that managers just can't find in their own companies—an independent, informed opinion on problems of corporate financing and policy."

**The Olympic bank.** Irving is well-prepared to serve as the



**Irving Trust Company. Unique. Worldwide.**  
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THE 1980 OLYMPIC WINTER GAMES.  
A CHARTER NEW YORK BANK

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#### 2 Medium-term Loans

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#### 5 Development Capital

Williams & Glyn's can provide finance for expanding private and public companies.

## AMERICAN NEWS

# Tax Bill shows growing strength of business

BY STEWART FLEMING

MAJOR concessions secured by the business community in the Tax Bill enacted by Congress at the weekend are indicative of a continuing revival in its political fortunes and a wider acceptance of key elements of its economic philosophy.

Some of the most influential

leaders of the business groups

are clearly immensely satisfied

with the months of work and lobbying which has gone into the tax legislation. Thus Mr. Reginald Jones, chairman of General Electric and the man

who has been leading the busi-

ness roundtable in its moves

on tax policy, remarked: "I

think the Bill that is shaping

up is one which will be acceptable to business."

The Bill, finally passed by

Congress, cut business taxes by

\$3.2bn and capital gains taxes

for investors by \$2bn. It in-

cluded, among other concessions

to business, an overall cut in

the corporation income tax from

48 per cent to 46 per cent, it

made the 10 per cent tax on

investment in machinery and

equipment permanent, and it did not

abolish the Domestic Interna-

tional Sales Corporation (DISC).

The DISC is a device which

allows businessmen to defer

about half their Federal tax on

export sales earnings.

At one stage earlier in the

year it looked as if DISC might

be abolished, but business, in

particular the influential Round-

table, has fought these moves

successfully.

Other initiatives, which busi-

ness feared could eliminate exist-

ing tax allowances, have also

been fought off. Earlier pro-

posals to repeal the foreign tax

credit which the U.S. and most

industrial nations give corpora-

tions to avoid double taxation

have also not been taken up.

Similarly, previous attempts to

start taxing foreign corporate

earnings before they are try-

ed have not been incor-

porated in the Tax Bill.

While all these decisions can

be looked at in isolation from a

political and economic standpoin-

t, it fits into a pattern favourable

to business which is of considerable

symbolic significance.

Thus the cut in capital gains

tax, taken with the decision to

make the investment tax credit

permanent, are seen in business

circles as important steps to

wards stimulating lagging capital

investment and through that

beginning to tackle declining

payments.

Some economists question the

timing of the Bill. Thus the deci-

sion to invoke a tax cut was

made nine months ago amid

concern that economic growth

would slow drastically this year.

Not only has this not happened

but, in addition, the underlying

rate of inflation has risen from

5 or 6 per cent to 7 or 8 per cent.

The stimulative impact of the

tax concessions, particularly

those directed at the individual,

is questioned even though the

concessions in part offset tax

increases coming into effect on

for example, social security

payments.

THE U.S. airline industry was

trying to swallow its disappoint-

ment today at the failure of the

Congress to approve legislation

which would have made \$3.2bn

available or re-equipping fleet

with quieter aircraft.

The Bill failed to clear the

legislative logjam which piled up

as Congress worked feverishly

over the weekend to pass the

energy and tax cut Bills.

Its prospects would have been better

had the principle of giving finan-

cial help to airlines been more

controversial, but many legis-

lators opposed it on the grounds

that the industry would

now have to decide whether to try

and that therefore, the industry after

could afford to finance the new

aircraft.

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The Air Transport Association

estimated that between \$500m

and \$700m would need to be spent

modernisation is by no means

on purchasing quieter engines even.

The loss of the Bill has sig-

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## OVERSEAS NEWS

# Syria spurns U.S. hopes for peace treaty support

BY ROGER MATTHEWS

PRESIDENT CARTER was the Arab League Charter. And "dreaming" if he thought that Mr. Iskandar pointed particularly to a resolution of April 1950 which stated that if a country signed a separate deal with Israel then not only should it be removed from the League, but also all direct or indirect monetary links would be severed. The Minister insisted, however, that Syria was not rejecting peace, which it sincerely desired, but that it was convinced that

the Camp David agreements were not the way to achieve it. "The three-card trick that Carter, Begin and Sadat are playing will not lead to peace but will push it further away," he said.

Mr. Iskandar added that it was possible that there would be talks between Syria and Iraq before the Baghdad summit in order to discuss the long-running dispute between the two countries.

## Sarkis calls for decision

BY IHSAN HIAZI

A CLOUD of black smoke hung over Beirut today as a reminder that Arab Ministers and officials who have been meeting since yesterday at the mountain resort of Berteidoun, 20 miles away, to find a way out of the Lebanese impasse.

A brief artillery exchange between Syrian troops and Christian militia last night at Kurantat, at the north-eastern entrance to the capital, set an oil storage tank on fire. Each side accused the other of violating the truce.

According to Paris reports, 30 people have been killed by sniping since the latest truce went into effect nine days ago. Roads leading in and out of the capital and between Christian east Beirut and Moslem west Beirut remain unsafe.

At the summit meeting of Arab states, scheduled for Baghdad on November 2, Syria would be concentrating on the provisions of

BEIRUT, Oct. 16.

Tension spread northward when militia supporting former President Saad Eddin al-Franjeh kidnapped 15 people in Al-Batroun district. Voice of Lebanon, the Phalangist radio, said two of the abducted men had been found dead, one of them decapitated.

President Elias Sarkis is reported to be pressing the representatives of Saudi Arabia, Syria, Kuwait, the United Arab Emirates, Qatar and Sudan to speed up their deliberations.

James Buxton reports: Sanaa, capital of North Yemen, was reported quiet yesterday after the crushing on Sunday of an attempted coup against President Ali Abdullah al-Saleh. There are no details of casualties but Sanaa radio said the conspirators would be tried by court-martial.

## ARAB INDUSTRIALISATION

## Trying not to mix business and politics

BY ROGER MATTHEWS IN BEIRUT

ARAB REACTION to the outline peace agreements for the Middle East reached last month at Camp David and the subsequent changes among Egypt's top military commanders now seem to be having an effect on Arab efforts to establish their own multi-billion dollar armaments industry. This could have important repercussions for both Britain and France which have signed valuable contracts with the Arab Organisation for Industrialisation. The AOI was set up by Saudi Arabia, Egypt, Qatar and the United Arab Emirates in 1974 to provide the umbrella under which the armaments industry would develop.

The link between inter-Arab tensions and the AOI is not yet fully established but there are several pointers. First, Saudi Arabia has been deeply concerned by the Camp David agreement and might wish to review its range of financial support for Egypt if President Sadat insists on signing what would amount to a separate deal with Israel and becomes more isolated from the rest of the Arab world.

Second, Mr. Sadat last week sacked his military commander and Minister of War General Abdul Ghani Gamasy, who as one of the four-man higher committee of the AOI had played a major role in the development of the organisation and its purchasing decisions. The other three members of the higher committee are Prince Sultan Bin Abdul Aziz of Saudi Arabia, Sheikh Ahmed Bin Khalifa el Thani of Qatar, and Sheikh Khalifa Bin Zaid of the UAE.

Third, Mr. Sadat this week has effectively removed the executive head of the AOI, Mr. Ashraf Marwan, from his post by issuing a decree ending his command from the Egyptian Presidential Office. Mr. Marwan then resigned his job and was appointed an Ambassador at the Foreign Ministry, according to the semi-official Egyptian newspaper Al-Ahram. Another Cairo newspaper Al-Ahbar said Mr. Marwan had been demoted because of accusations relating to corruption and abuse of power.

AOI is the most impressive inter-Arab industrial venture of recent years and its elegant headquarters in Cairo are the outward symbol of what has been a determined effort to cream off managerial talent from other industrial sectors. The four participating countries have equal shares in the organisation although Saudi Arabia, Qatar and the United Arab Emirates subscribe the initial \$1.1bn capital while Egypt pledged to provide some industrial facilities and much of the skilled manpower.

So far four major deals have been negotiated covering jeeps, helicopters, anti-tank guided weapons and jet fighter aircraft. This highly-ambitious programme is understood to be in the process of being supplemented by agreements covering electronic equipment, air-to-air missiles, communications and guidance equipment.

Apart from the deal with American Motors of the U.S.—which has already led to the sale of surface-to-surface and air-to-air missiles in Saudi Arabia—other contracts have been signed with Britain and France. The initial British deal was signed last year between the Dynamics Group of British Aerospace and the AOI for the Assembly and then construction in Egypt of the Swingfire anti-tank guided weapon. The value of the contract is put at more than £40m and the venture is controlled by a joint company, Arab-British Dynamics, of which AOI has 70 per cent and British

## Soviet steel assistance for India

By K. K. Sharma

DAMASCUS, Oct. 16.

JUST A fortnight before India's Foreign Minister makes his first visit to China in 18 years, the Soviet Union has announced extensive new aid to India. Russia will help build a new 3m-tonne steel plant at Vishakapatnam, Andhra State, a major 300,000 tonne alumina plant to exploit the huge bauxite reserves along the eastern coast and has assured India of immediate and long-term supplies of badly-needed coking coal.

The new steel plant will eventually raise India's production capacity to nearly 15m tonnes although it will initially enable the country to produce 8m tonnes within 2 years. More importantly, if the coking coal supplies come early enough, they can prevent the entire Indian steel industry from grinding to a halt.

The steel industry is threatened with closure as a result of flooding of coking coal mines in west Bengal and Bihar.

Chris Sherwell reports from Islamabad: In another move against the Pakistani People's Party, the military government today ordered the effective censorship of eight newspapers known to be sympathetic to the party's leader, the former Prime Minister Mr. Bhutto.

The government's action marks a continuation of its recent hard line against the party as Mr. Bhutto's appeal against the death sentence moves slowly towards a climax.

The newspapers affected include the official Pakistan People's Party newspaper, Musawat.

## Army show of strength as Iran mourns

BY ANDREW WHITLEY

IRAN'S martial law authorities today mounted a massive show of strength in the capital and the major provincial cities in anticipation of violence that did not come.

It was a day of national mourning for the hundreds shot down by troops in Jaleh Square, Tehran last month, on the first day of martial law. The call by religious leaders and opposition parties for Iranians to stay at home close their shops and attend mourning ceremonies at mosques was highly successful.

But the virtual absence of bloodshed on a critical day for the authorities has also enhanced the prospects of poorer regions of south-east Tehran and the suburb of Rey.

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The newspapers affected include the official Pakistan People's Party newspaper, Musawat.

The plan now calls for Ilanga to be phased in during 1986, when Matla and Duvha, the Republic's primarily coal-fired power stations, have reached capacity.

ESCOM has called for tenders for a new 3,600 Mw coal-fired power supplies and will put out the tenders for the main plant, turbines and generators early in

the power station at a cost of R1.2bn.

The power station, to be known as Ilanga, follows the 1979 pattern set by the most recent

in the past, UK firms have won

large orders for comparable pro-

jects. GEC obtained an R100m

phased in over a period of five

years, and will be fed by

generating plant to Duvha, and

a giant colliery with an eventual

output of about 10m tons of coal

per year.

A final decision on the siting

of the Ilanga project was first of

announced in September, 1976, but the ensuing slowdown in the

Republic's economy led to a post-

existing power stations.

In retrospect, the army incident in west Tehran was de- incident in west Tehran was de- mned by the Government.

Tehran's main cemetery of Beheshti Sabz was the scene of one demonstration. At its gate heavily armed troops searched all vehicles going in, presumably for weapons. Nearby half a dozen lorry loads of army rangers—professionals brought in to replace the conscripts who make up much of the army—waited in reserve.

The strike call was observed completely in the southern half of this city of 5m inhabitants, and closed most offices and shops in the business centre and in the north. But there was little tension in the city. Many Iranians appear to have become accustomed to these regular stoppages.

On the other hand, there are increasing signs of restlessness among the business community and in some cases.

TEHRAN, Oct. 16.

the pay strikes in key Government sectors.

All work has been stopped in the post office for 13 days. A strike by Customs officials is also in its second week.

Although several large Government departments agreed to go back to work at the end of last week, strike fever continues in the provinces and in the hospital service.

Incomplete reports from the provinces suggest that today's political strike was observed in nearly all towns. Demonstrations were reported in the western town of Zanjan and there are unconfirmed reports of several dead from police shooting in the south-western town of Dezful.

Hardly any institutes of higher education are open and there is a strong possibility that the academic year will be cancelled

## New Zealand flood chaos

BY DAI HAYWARD

JOHANNESBURG, Oct. 16.

THE SOUTH AFRICAN Electricity Supply Commission (ESCOM), which runs the 1986, when Matla and Duvha, the Republic's primarily coal-fired electricity system, is to construct a new 3,600 Mw coal-fired power supplies and will put out the tenders for the main plant, turbines and generators early in

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existing power stations.

WELLINGTON, Oct. 16.

NEW ZEALAND'S worst floods of Nels and Balclutha were also badly hit.

No loss of life has been reported but several people have been plucked from rooftops and the Government has set up an emergency disaster fund.

AP-DJ reports from Canberra: Australia's unemployment fell by 3,955 or 1.5 per cent to 232,861 in September from August, according to registrations with the Commonwealth Employment Service (CES).

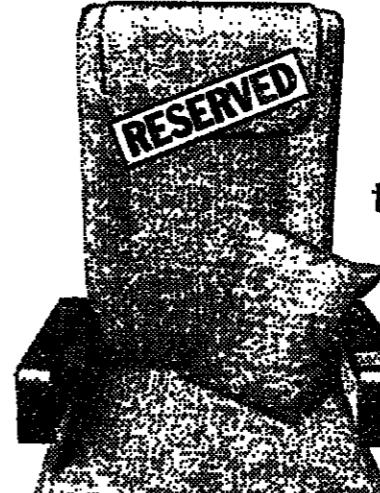
The unemployed represented 8 per cent of the estimated labour force at the end of September, compared with 5.3 per cent in September last year. Unfilled job vacancies registered with CES increased by 14,182 in September.

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## WORLD TRADE NEWS

## Japan car talks start November 6

BY CHARLES SMITH

THE Japan Automobile Manufacturers' Association (JAMA) has agreed to hold two days of talks with its British counterparts in November. The Society of Motor Manufacturers and Traders (SMMT) at the beginning of next month, a JAMA spokesman said.

The talks will start in London on November 6 and will be concerned with the prospects for Japanese car exports to the UK in 1979.

It is not clear that the purpose of the meeting is to negotiate a ceiling on Japanese car exports to the UK next year.

The SMMT has been trying to get JAMA's agreement to a meeting to discuss Japanese car exports for several months but such an arrangement would

violate the terms of Japan's

Anti-Monopoly Law.

The reason for the change of heart appears to have been the Japanese Ministry of International Trade and Industry's decision to restrain their exports to certain levels. This is what MITI has been doing since last April in response to pressures from the British Government.

It is possible, though not certain, that once JAMA and the SMMT have met, MITI may again approach SMMT for an understanding regarding car exports.

In declining to enter into hard and fast agreements with the SMMT over the level of Japanese car exports, JAMA can take its stand on the legal position that such an arrangement would

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## U.S. official on export credit visit

BY OUR OWN CORRESPONDENT

WASHINGTON, Oct. 16.

THE Carter Administration approaches MITI after talks have been held at industry-to-industry level it can always claim to be doing so in order to "clarify" the industry's not with a view to conducting independent negotiations.

The short-term situation with regard to Japanese car exports to Britain is that shipments are being cut back drastically in October in response to British demands for "firm evidence" of the car's intention to keep its 1978 shipments at or below 1977 levels.

Japanese car manufacturers are believed to be under instructions from MITI to continue holding down shipments during the first part of next month as well.

Mr. Fred Bergsten, the assistant secretary for international trade, will be in Japan this week to keep the negotiations.

Specifically, the U.S. wants to see a tightening of the existing arrangements, particularly in so far as the level of interest rates is concerned, with the U.S. preferring that rates be higher than they generally are at present.

The U.S. is also anxious to discuss the more universal application of rules governing export credits. Some European officials are known to suspect that this reflects U.S. concern that other countries are starting to challenge traditional American dominance of certain markets—such as civil aviation.

The U.S. has made no secret of the fact that it dislikes what it considers to be the unfair financing edge granted to the community should imports fall again during the second half of this year.

The Commission is cautious about assessing the outlook for this fiscal year. But beyond that, the Commission believes that the EEC will meet its latest official forecast of 8.6 per cent on the Japanese market, calling for a 8.6 per cent drop in global exports and from U.S. exporters as the recent slow, steady rise in imports in the value of the yen during the current fiscal year against the dollar takes effect.

## Carter seeks to nullify Congress stand on duties

BY JUREK MARTIN

WASHINGTON, Oct. 16.

THE CARTER Administration was today seeking ways of nullifying two items of yesterday's Congressional action which threaten to complicate the multilateral trade negotiations in Geneva.

The most serious of these is the failure by Congress to extend the President's authority to waive the imposition of countervailing duties on imports beyond the scheduled expiration in January next year.

Mr. Bergsten will also take the opportunity on his trip to discuss international investment policies.

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negotiations. The Administration had argued that if this were done it would be counterproductive to serve American textile interests, other countries with similar problems, and domestic industries would seek similar exclusions, thus severely weakening whatever trade agreement is finally reached.

But the textile exclusion, sponsored by Senator Hollings of South Carolina, in the end passed Congress as an amendment to the "Carson City Coinage Bill" covering the issue of silver dollars. This is a minor piece of legislation which President Carter could veto with impunity.

Mr. Straus, the special trade representative and Mr. Michael Blumenthal, the commerce secretary, are continuing to see if there were alternative ways round this problem. This is a complex legal area and officials were loathe to speculate on what device might be found that would both serve its purpose and not contravene the laws of the land.

The Administration is absolutely confident that when Congress reconvenes in January, it will be easy to secure the necessary extension. It was pointed out today that the House had approved the proposal in principle at various sessions.

Approximately \$100m worth of EEC-produced food exports to the U.S. could be subject to the imposition of U.S. countervailing duties because of subsidies paid under the Common Agricultural Policy.

The second issue is the congressional vote to exclude textiles from the Geneva trade legitimate stock acquisitions.

The report's findings are likely to increase the pressure for Third World countries—whose produce more than half the world's supply of leaf tobacco—to try to curb the power of the tobacco multinationals.

The UN report is called "Marketing and Distribution of Tobacco" and was prepared by the secretariat of the standing UN Conference on Trade and Development (UNCTAD) based in Geneva.

One of its main findings is the extent to which the seven major tobacco multinationals dominate the world market. The seven companies are: British American Tobacco, the Imperial Group, Philip Morris, R. J. Reynolds, Gulf and Western, the Ruppert, Rembrandt, Rothmans group, and American Brands.

Their direct operations, some 39 per cent of the market is an underestimate of their effective control of the market through dominance of particular brands, the report says.

To maintain their dominance, the tobacco multinationals spend some \$1.5bn on advertising.

The report states that "another component of world both the legal and racketeering tobacco marketing is global operations of the Mafia in the corporate bribery or the 'pay-off' complex involving millions over a quarter of the total of dollars." It says that only a market.

## W. German investment up

BY ADRIAN DICKS

BONN, Oct. 16.

DIRECT private investment abroad by West German business and industry is now running at over twice the level of foreign private investment in West Germany, according to figures published by the Economics Ministry here.

During the first half of this year, West German private investment abroad was worth DM2.7bn (£715.23m), up DM200m from 1977, while foreign investment in the other direction was worth only DM 1.3bn — nearly DM 200m less than for the first

half of last year.

On a cumulative basis, too, West Germany is a growing net exporter of capital, with investments in other countries worth DM 54.8bn, now well ahead of once, motors, oil and gas and foreign investments in West steel companies.

## Malaysia tightens rules

BY WONG SULONG

KUALA LUMPUR, Oct. 16.

THE MALAYSIAN Government has announced that fully-owned foreign companies will be excluded from tendering for government contracts from next year, unless they take in local partners. Currently most of the Malaysian Government purchases of foreign goods and large contracts are done through local companies, wholly-owned by foreigners.

Secretary General of the Malaysian Treasury, Mr. Tan Sri Abdulah Ayub said that from next year, only companies that from "reasonable local equity and a minimum 30 per cent Malaysian shareholding" will be tender for Government contracts.

He said this was to encourage local partners.

## Poland wants more exports to UK

BY ANTHONY ROBINSON

LONDON, Oct. 16.

MR. STANISLAW DLUGOSZ, the Polish Deputy Foreign Trade Minister, told British delegates to the Polish-Japan Economic Commission in Warsaw that Britain would have to increase imports of Polish goods as a precondition for increased trade between the two countries.

British exports are currently at a relatively high level, due mainly to plant and machinery exports for major projects like the Wieliczka PVC complex and the Massey Ferguson Perkins Ursus tractor plant development.

Such exports are not amenable to the kind of restrictions which the Polish authorities have

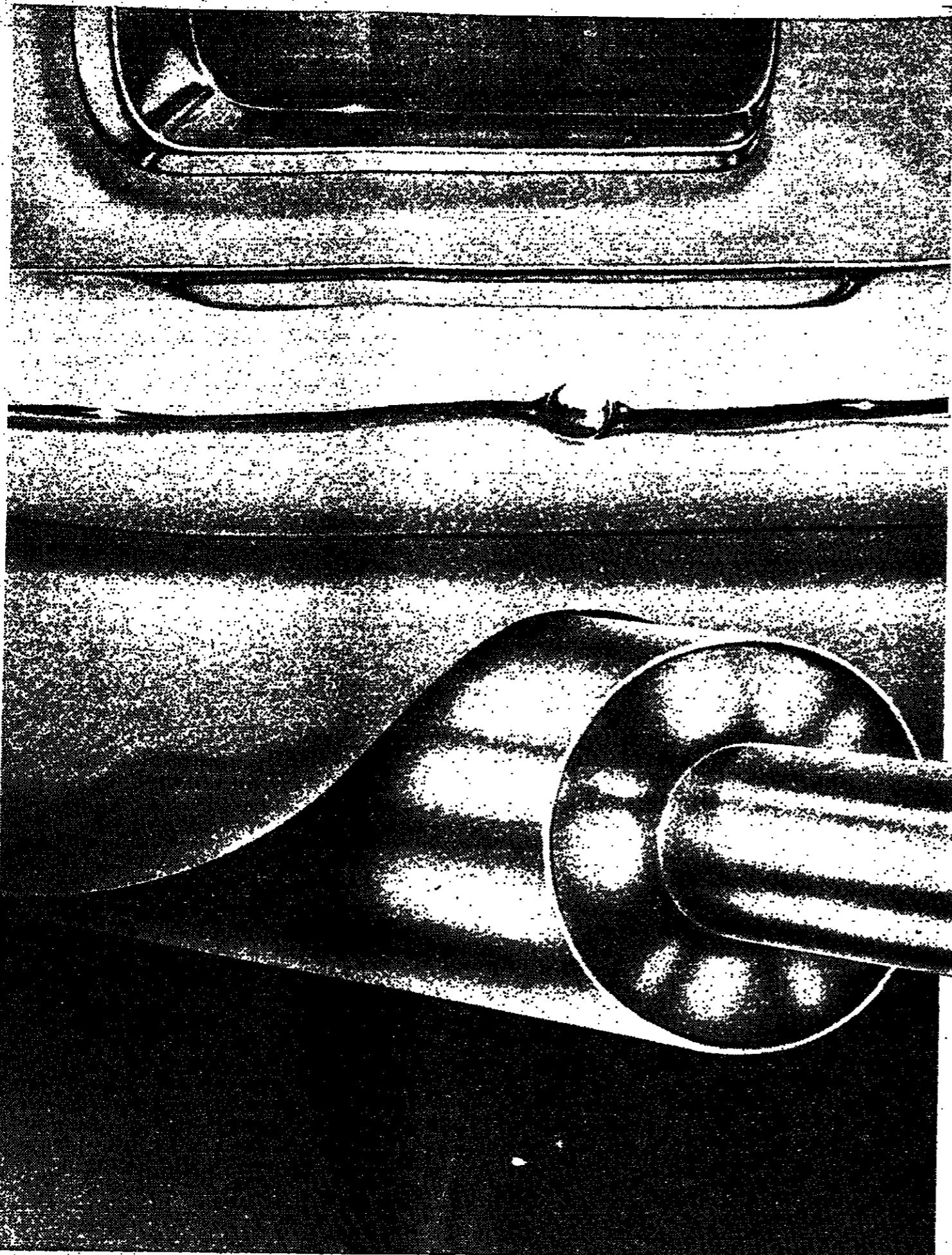
ECGD insures from date of contract or delivery of goods. Cover is available for contracts by sterling or other approved currencies for continuous sales worldwide of raw and processed materials, consumer goods and production-line engineering goods. Sales to and by overseas subsidiaries of UK firms. Sales through UK confirming houses and by UK merchants. Single large sales of capital equipment, ships and aircraft. Construction works contracts. Services. E&G (Trade mark available). Guarantees to banks providing export finance, often at favourable rates of interest, including project loans and lines of credit to overseas borrowers. Guarantees for performance bonds. Guarantees for pre-shipment finance. Consortium contingency insurance. Cost escalation cover.

Cover for investments overseas. For full details call at your local ECGD office.

To make an appointment or for information call the Information Officer, Export Credit Guarantee Department—quoting reference FTS—at Glasgow, Belfast, Leeds, Manchester, Birmingham, Cambridge, Bristol, London W.C. End, Croydon or Tottenham Court, or Jean Swales, Information Section, ECGD, Admiralty House, London EC2R 7EL. Tel. 01-580 6699. Ext. 245.

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Take exhaust systems. As you may know, they can be a source of trouble and expense. Now, for an extra cost of less than £10 on a £5,000 model, car makers could fit a stainless steel exhaust which would last five years instead of two. Think of the savings in money, inconvenience and blood-pressure this would bring.

So if you are involved in designing with steel or aluminium, brass, or copper, think again about stainless.

Of course, it can cost more initially. And by increasing the materials content, you push up your price. But don't dismiss stainless until you've done your sums right through, because often you'll find two things.

The longer life of the product makes the added cost worthwhile.

And you gain the two extra selling points of higher quality and cheaper maintenance.

Yes, think again about stainless. Find out the current facts about our range of thirty different types. And remember, our back-up service is always at your service, particularly in matching the performance of our steels to your exact needs.

Write to Mike Whitecross,  
BSC Stainless Marketing, PO Box 150, Sheffield S9 1TQ.

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\*"A Survey of Corrosion and Protection in the UK," published by the D.T.I. in 1971 (figures adjusted for inflation).

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By Richard Evans, Lobby Editor

Nationalised industry  
proposals criticised

By JOHN HUNT, PARLIAMENTARY CORRESPONDENT

GOVERNMENT proposals for the change in institutional arrangements of the nationalised industries, set out in a White Paper published in April, have run into opposition from the public sector.

The White Paper recommendations were based on an original report from the National Economic Development Office. One of the main proposals, which the Government accepted, was that Secretaries of State and Ministers should have the power to issue specific directions to the nationalised Boards rather than the present ones "of a general character."

The Government suggested in the White Paper that in some industries a civil servant from the sponsoring department, and sometimes from the Treasury, should be appointed to the Boards after consultation with the chairman concerned. These proposals are criticised in observations on the White Paper from nationalised industry Boards, which were published yesterday by the Commons Select Committee on nationalised industries.

NEDO also called for a radical

revision of the Government's wishes.

Indeed, they would have a greater chance of success because of their more co-operative and less obstructive attitude to EEC affairs in general.

The tone of her message shows how nervous Conservative leaders are at the impact being made on the fishing industry by Mr. John Silkin, Minister of Agriculture and Fisheries, from his tough negotiating posture.

Her message to the Tory candidate at Berwick, Miss Margaret Marshall, said that there could be no doubt of the Conservative Party's determination to support to the full the interests of British fishermen.

"At stake are the livelihoods of thousands of people both at sea and ashore, as well as a vital national food reserve. Fishermen will not find the Conservative Party wanting. The fisheries issue will be given top priority in our negotiations in Europe when we return to office."

Time was not on Britain's side. While negotiations dragged on in Brussels, overfishing continued. "If we cannot obtain early agreement from our European partners, it will be necessary to bring in further conservation methods, hopefully in unison with Brussels but if necessary unilaterally."

## Message

Mrs. Thatcher is to meet representatives of the fishing industry at the Commons early in the new session in a move designed to assure fishing interests that the Tories would not sell them out as part of a Common Market bargain.

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## ERF to spend £10m more on truck output

Financial Times Reporter

ERF, one of the few UK independent truck manufacturers, is to spend £10m to double production over the next five years.

The programme includes a new production facility at Wrexham which it says should create more than 1,000 jobs.

The present manufacturing base, 30 miles away at Sandbach, Cheshire, has no further room for expansion, but will remain the company's main base and headquarters.

ERF's output is 3,500 trucks a year, 90 per cent of which are sold in the UK. Mr. Peter Foden, chairman, believes that in the short-to-medium term the company's main thrust must continue to be in the home market.

He is concerned about foreign vehicle penetration at the heavy end of the UK market, a trend which British manufacturers are having some difficulty to contain.

Midway through this year, for example, ERF had won 12.3 per cent of the UK market for extra-heavy duty trucks (over 28 tons). But Volvo of Sweden was market leader with 23 per cent.

THE NEW FT-Actuaries Gilt stocks had shown a very limited

Indices have become accepted as picture of the gilt-edged market.

Now, by basing both the price and yield indices on 'all the stocks quoted on the gilt market, with the exception of the variable interest stocks, a complete picture of that market could be presented.'

The authors discussed how the

measures performance and presented a comprehensive series of tables, using both a nil tax rate applicable to pension funds and a 37 per cent rate applicable to life assurance funds.

They showed that the division of the indices into short, medium and irredeemable, enabled fund managers to compare sectors of the gilt market with the market as a whole.

INDUSTRIAL DISPUTES in the Press and in the motor industry were deployed yesterday by Lord Shawcross, chairman of the Press Council.

Both industries had been bedevilled by labour trouble, and the recent strikes in the newspaper industry—except that at the Daily Telegraph—had been unofficial "and the result of sheer anarchy," he said.

In the motor industry, to ask for protection against foreign imports was a "counsel of despair." The UK could produce cars of a quality and at a price fully competitive with foreigners.

"All we need is the united determination to get on with the job," Lord Shawcross said at the Lucas Press Centre in the National Exhibition Centre, Birmingham, which was being used for the first time this week by visitors to the 1978 Motor Show.

## Vehicle warning

THE DEPARTMENT of Transport yesterday warned operators of insulated and refrigerated transport in the international trade that French veterinary inspectors had been instructed to refuse entry to all vehicles not conforming to the requirements of the agreement on international carriage of perishable foodstuffs.

The most expensive item was a William and Mary oyster veneered walnut chest of drawers which fetched £3,300 while a Queen Anne walnut bureau made £1,500 and a Queen Anne black lacquer cabinet £1,800.

THE BIGGEST danger to the year on an industry with four

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## Delivered milk price to rise by 1p a pint

BY CHRISTOPHER PARKES

THE PRICE of a pint of milk delivered to the doorstep would go up 1p to 13½p on November 5. Mr. John Silkin, Minister of Agriculture said in London yesterday.

But there would be no further increases until next autumn "short of actual disaster such as a drought or a Tory Government," the Minister promised.

Almost half the rise, 3.96p a gallon, will go to the dairies which distribute the milk. They had to recoup losses made earlier this year and cover cost rises over the next 12 months.

The Milk Marketing Board will also take a small share. The balance will be shared by farmers whose costs for feed and other expenses increase during the winter.

The Ministry of Agriculture claimed that the increase would lead to a rise of 0.8 per cent in the food price index and add only 0.2 per cent to the retail price index.

Dairy farmers had been doing quite well recently, the Minister said. The price rise, however, would not push them into "the Rolls-Royce class." He suggested that in future, they might not be doing quite so well. "I am aiming to keep them steady. To keep them in the same car."

The price of milk was last raised in January. Mr. Silkin said that a price increase had been avoided for the longest time for five years.

The Minister said that in spite of the increase, dairy farmers' prices this year would have risen only 4 to 5 per cent while their costs had gone up about 12 per cent.



MR. JOHN SILKIN

'No Rolls for farmers'

The price of 13½p will apply in pasteurised milk. Homogenised, sterilised and ultra-heat treated milk will go up to 14p, while gold top, Channel Islands and South Devon milk will cost 15½p a pint.

The price rise will take effect in Scotland a month later on December 3.

## Occidental expects gas from Piper Field next month

BY KEVIN DONE, ENERGY CORRESPONDENT

NATURAL GAS is expected to start flowing next month from the Occidental group's Piper Field in the North Sea.

The gas will give an added boost to British Gas' supplies from the northern North Sea. It also represents the chief success so far for the Government's tougher policy of cutting down the wasteful flaring of associated gas.

The Occidental group, which includes Getty Oil, Allied Chemicals and the Thomson Organisation, was persuaded to invest in a \$150m (£80m) gas conservation programme, in return for permission to increase crude oil production from the Piper Field to 300,000 barrels a day.

The field is one of the most profitable yet developed in the North Sea.

Meanwhile, production from the group's nearby Claymore Field has received a surprising boost from the latest development well, which came on stream about three weeks ago. It is tapping a new part of the oil reservoir with a higher proportion of gas and is flowing at about 26,000 barrels of oil a day.

It has helped to push total Claymore production up to 110,000-120,000 barrels a day from 12 wells. This is equal to about 10 per cent of current UK production.

The field, which has estimated recoverable reserves of 40m barrels of oil, should reach a peak production rate of about 170,000-180,000 barrels a day. It

## Truck sales surge benefits importers

BY KENNETH GOODING

COMMERCIAL VEHICLE sales in the UK continued at a high level last month—they were nearly 2½ per cent above those for the same month a year ago—but importers were getting the main benefits.

Imported trucks accounted for 27 per cent of the September market, according to the figures from the Society of Motor Manufacturers and Traders. In September last year the comparable figure was just over 20 per cent.

During the first nine months of this year commercial vehicle registrations at 199,919 were just under 18 per cent higher than in the same period last year.

But, whereas vehicles manufactured in the UK increased only 10.2 per cent in registrations to 156,468 units, sales of imported commercials jumped 57.8 per cent to 43,451 units.

At the lighter end of the market, the Japanese companies have made big inroads in the nine months in spite of the agreement that shipments of light commercial vehicles from Japan to the UK this year should not exceed last year's level. (There is a total ban on direct

## Further housing schemes 'unwise'

BY PAUL TAYLOR

THE HEALTH and Safety Executive has told the district council for the Canvey Island area in Essex, that it would be "prudent" not to approve further housing developments within one kilometre of some installations on the island.

Last night the Executive rejected suggestions that it had "banned" all new buildings in an area near the British Gas Corporation's methane plant and plants owned by Texaco and the London and Coastal company.

The Castle Point council had written to the Executive asking it for views on suggested housing developments in the area.

Last night the Executive said its reply was in keeping with the views of the lengthy investigation into possible hazards on Canvey Island published in June.

Sir Bernard Braine, Conservative MP for South-East Essex, yesterday said the Executive's comments were a "clear admis-

sion that the existing inhabitants of Canvey are at serious risk. More than 30,000 people live on Canvey Island, some of them within one kilometre of the installations.

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## LABOUR NEWS

Election dispute leaves  
CPSA without executive

BY PHILIP BASSETT, LABOUR STAFF

BRITAIN'S largest civil service union, the Civil and Public Services Association, was left without an executive last night in a bitter dispute over electoral procedure which has publicly reopened the union's deep political divisions.

All but three of the 26-strong executive refused a request from Mr. Len Lever, president, to remain as a caretaker body until a new executive has been elected.

The majority who refused were Left-wing candidates in the union's elections in May.

Mr. Lever ruled last week that the present executive could no longer exist after a confidential report found that the moderate vice-president Mrs. Kate Losinski should have held her position at the election at the annual conference. She lost her seat then to Mr. Peter Colman, the Communist Broad Left candidate.

The former executive is expected to attend the union's normal executive meeting today. Mr. Lever will again ask the 23 who refused to stay on yesterday to remain, and if they refuse the meeting and subsequent meetings until the new election will not take place.

Broad Lefts will re-hold general meetings for the election, and the results of the individual ballots will be sent to the union's headquarters for scrutinising.

Mr. Ken Thomas, general secretary, said last night that he would carry on with the help of the two vice-presidents, Mrs. Losinski and Mr. Reg Williams.

Sparring

A less well publicised outcome of the conference, however, was a rule change which made it compulsory for branches to cast their votes at annual conference for candidates they had nominated.

Sparring between the Left and Right was precipitated by a confidential report from a firm of chartered accountants which acts as the union's returning officers. This found that 20 branches at the annual conference had not voted in accordance with new rules brought in at the rules revision conference in November. The report said that had votes been cast according to rule, Mrs. Losinski would have edged in as vice-president ahead of Mr. Colman.

Because Mr. Colman's vice-president did not stand in the elections, all 26 members were voted to be dismissed. The new elections will include all the original candidates who now wish to take part again, plus Mr. Colman.

The right-wing is now expected to recoup some of the political losses it suffered at the rules revision and annual conferences.

Mrs. Losinski admitted privately that the timing of the leaflet had gone a long way towards her power being given a fillip and campaign strongly at the elections.

Dockers challenge  
pay guidelines

BY PAULINE CLARK, LABOUR STAFF

DOCKERS' leaders in Southampton will today put the "finishing touches" to a pay claim well in excess of the Government's guidelines.

The claim for a large increase in basic rates is expected to follow closely a 20 per cent demand lodged last week by 2,000 Hull dockers in the first significant challenge to the 5 per cent limit by Britain's dock workers.

Hull dockers yesterday began an overtime ban in support of their claim although no formal offer has been made by the employers. Their earlier demand for a substantial increase for female workers elsewhere in the National Health Service and outside at the time of the 1974 Balsall award.

The nurses are also seeking to restore their position in the earnings league which put them near the upper quartile for female workers elsewhere in the National Health Service and outside at the time of the 1974 Balsall award.

The proposals are seen as being overdue from last year's phase three pay deal with a bonus-linked and productivity demand was part of the nurses claim.

A full agreement specifying terms, conditions and installations to be covered will be discussed next month by the company Seal Catering and Offshore Services of Aberdeen, and the two unions.

The agreement was reached after a threat of industrial action by the unions. The Transport and General Workers' Union, and National Union of Seamen, if their recognition demands were not met by lunchtime yesterday.

The company had made its offer but had not completed this indicated a tendency in favour of union recognition.

The strongest presence is on the Nintus and Forties fields. Efforts to build membership in other fields can be expected between now and November.

Claiming half the company's 5,000 work force there, the unions will probably make for full rights for all its installations.

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Hauliers plan to black cut-price competitors

A NINE-POINT charter aimed at ridding the haulage industry of cut-price clearing house operators, with which the unions have agreements to establish their own clearing houses for excess and return loads.

Companies using cut-price clearing houses were told the drivers will seek the support of dockers to enforce blocking.

The charter also includes daily distance, starting time clauses, insurance, tolls, rates of pay for drivers, blocking off all clearing houses without transport and also of established companies which dispose of their vehicles and let their work out to sub-contractors.

A company wage register is also to be established.

Hairdressers win new minimum wage rates

NEW MINIMUM wage rates for the Government's Phase Four, about £35,000 workers employed in hairdressing were set yesterday by the industry's wage council.

The statutory minimum rate, London, goes up from £250 to £275, and in London from £235 to £250.

The increase generally vary between about 13 and 21 per cent. The new minimum for side London is being raised from £18.50 to £20, and in London far short of the £24.50 from £17.50 to £21.

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Battery plant workers out

EIGHT HUNDRED workers went on strike at the Wolverhampton Every day after the suspension of ten workers at the plant in Park Lane, Wolverhampton, by today.

The strikers do not plan to return until tomorrow.

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# Pay without guidelines

BY PETER RIDDELL

SPECULATIVE games of the "what if . . ." variety are a pleasantly self-indulgent way to pass autumn and winter evenings. There is certainly no shortage of topics—from what would have happened if an election had been held earlier this month to what pay rises would be in the absence of an official limit. The Ford dispute might have turned out very differently if there had been an October election though the pay question is highly uncertain. It is, however, at least arguable that the rate of increase in earnings in the year to next July would be little higher, and possibly lower, without a phase four limit than now looks likely with the policy under severe strain. This is not stated as a forecast, or as Mr. Hattersley would prefer, a fact, but it is not merely an unsupported

guess. A dominant market position may be able to pass on rises in the form of higher prices. The prospects were recently examined in a somewhat different way by the London Business School in its regular Economic Outlook. The school concentrated on the relationships between the exchange rate, world prices and earnings. It concluded that while last year UK earnings levels were well below normal relative to the world price level and some increase could be expected, this is no longer the case. At present exchange rates, the world price level is likely to exert a restraining influence upon wage increases; companies are unlikely to be able to afford to pay more this year than the underlying world inflation rate plus whatever productivity increases are actually achieved. As long as the exchange rate remains firm this might in practice restrict the rise in earnings to about 11 to 12 per cent.

This is a plausible, though not a conclusive theory, especially as these constraints apply only to the private sector and the lead has often come from public sector settlements. Cash limits, of course, exercise an influence, though, like monetary targets, they are not in themselves a workable instrument of pay policy in the short-term. It is unrealistic to believe that cash limits and monetary guidelines will directly limit pay settlements in face of union bargaining power unless other economic factors are also working towards moderation, as they are at present. So it is possible that without rigid guidelines the rise in earnings will be below the 14 to 18 per cent rise of 1977/78 and perhaps low enough to ensure a continuation of single figure price inflation, as well as allowing some flexibility in negotiations.

Employers are also not operating in a vacuum since, at least in the private sector, a key influence is the ability of companies to pay such increases. Recent official figures have shown how profit margins have been squeezed this year and the corporate sector has had a large financial deficit. looked at another way, industry does not appear to have a large cushion of net liquidity to protect it from large wage increases, as it had in early 1974.

There are drawbacks to this analysis: it is, for example, arguable that it is precisely when companies are financially most stretched that they will not want to fight pay claims and will concede most rapidly. Differences in liquidity may allow some companies to pay large wage increases, and force up earnings generally, while companies with

the problem with the Government's approach has been that it is likely to bring the worst of both worlds. The policy is unlikely to keep the rise in earnings down to the target of 7 per cent and the actual outcome may not be more than, say, a rise of 10 to 12 per cent. But this will be seen as a defeat for the authority of government and a strengthening of union power with all the undesirable appendages of incomes policy being perpetuated. Just as with exchange rates, politicians and officials should be better advised to resist the temptation to try to control market pressures all the time.

Although Pluvial, a daughter of that prolific Vilmorin mare, Pelting, was a disappointment at Ascot last time out—she finished third of nine behind Celtic Halo and Hadon in the Michael Sobell Stakes—it could be that she had an excuse. Not only did she blow a good deal after the race, but it was also found that she had a rather high white blood cell count on her return to Newmarket.

Provided that she can overcome a bad draw and reproduce her encouraging homework with Greenland Park on this, her third race course appearance, Pluvial should prove up to give that bitherto disappointing stallion, Habat, his second juvenile winner.

For the danger, I turn to another who has shown a good deal at home. Explosiva, a half-length runner-up to Quibbling Streak in a £3,000 event at York before disappointing badly at Wolverhampton.

Explosiva is another well-bred stallion for the seller, could also turn out a winner nearer home at Redcar. There he saddles Never Say Guy for the Hanging Stone Handicap. Gode, a final declaration stage with a draw from Warwick's seller should win the Airy Hill Stelling Stakes.

Joe Mercer, Adorit's rider and also partner of Pluvial, did not have the ride on the Hastings-Bass filly at Lingfield recently but he had plenty of time to weigh her up: it was only in the final 100 yards that he brought Sikhra with a late run to deprive Adorit of the spoils.

I expect him to try to make

get off the mark.

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# The Management Page

EDITED BY CHRISTOPHER LORENZ

Robert Graham reports on how the new head of INI is attempting to rationalise his disparate State leviathan

## Grasping Spain's State-owned bull by the horns

UNTIL Spring this year Jose Miguel de la Rica was a successful businessman whose sole mission which should be the private interest of a state holding company. Outside the northern industrial region of Bilbao, where he had made his reputation, mainly in the domestic appliance field—he was a little known figure.

Only those who knew him well believed he had the ability and stature to cope with the awesome task of taking over the presidency of INI, Spain's state holding company, at a critical stage in its development.

He accepted the appointment in May—with some misgivings. As a result Mr. de la Rica has now drawn up common criteria for what were effectively a series of uncoordinated activities. There were companies whose labour, financial, marketing and technical policies differed widely from one another, with little coordination or feeling that they were really part of INI," he says.

His task has been to steer INI away from its old position so that INI companies adopt a much greater degree of uniformity, especially in budgeting procedures and labour policy. This in turn has led to a greater interchange of information among the INI companies.

### Priority

More immediately obvious have been the changes begun in the style and quality of management. As a first priority Mr. de la Rica has set out to reduce the unwieldy size of the boards of INI companies. Currently INI has some 850 persons serving on the boards of its directly controlled companies, and a further 3,000 on those companies it controls indirectly.

Often these boards have contained between 22 and 24 members, many of whom pulled little, if any, weight



Jose Miguel de la Rica, president of INI



Two models of the Seat 128—the 1,200 cc and the 1,430 cc. INI has a major stake in the company.



Rodriguez Sahagun, Minister of Industry

where he would like to reduce INI's presence. This is especially the case of the motor industry where INI holds important stakes in both saloon car production (Seat) and in light and heavy commercial vehicles (Mevosa and Enasa). He has been instrumental in instituting discussions with Fiat, which already has a 36 per cent stake in Seat, to buy out INI's own 34 per cent interest. Similar discussions have begun with Daimler-Benz over Mevosa, and at least three multinational groups over INI's share in Enasa.

### Handicap

The major handicap in all these innovations is the lack of a clearly defined government view of INI's role. For all its talk about placing INI to operate in a market economy, the government still basically regards INI as an instrument of state—no matter what Mr. de la Rica would like to do.

The new INI leadership is also handicapped by the relationship the Minister of Industry, Rodriguez Sahagun, feels his ministry ought to have with INI. He regards INI as under his tutelage, so weakening the concept of establishing INI as a more independent institution. While this means that INI will continue to be saddled with some involvement which is socio-economic and political, Mr. de la Rica hopes that a streamlined INI has a better chance of coping with this dual role.

RELIEF from capital gains tax for those owners of companies who sell to their workforce, will be the most striking recommendation in a report on Dutch workers' co-ops which will almost certainly be published in the next month or so.

The report was commissioned by the last Dutch social democratic Government in early 1977 from the existing Dutch Federation of Workers' Co-ops. The Associate van Bedrijven op Co-operatieve Grootslag (ABC).

The report will, of course, contain a wide range of further recommendations: about the optimum legal form of workers' co-ops, about the need for co-op members to be treated as normal employees in relation to the country's social insurance and welfare arrangements and, perhaps most important in the long term, about ways in which these enterprises can strengthen their management and thus their creditworthiness and more general credibility with the Dutch banks and the Dutch public. But in the short term it is the recommendation for capital gains tax relief when an enterprise is sold to its workforce and transformed into a co-op which is likely to attract the most attention both in the Netherlands and elsewhere.

The issue of this tax relief within the Netherlands is by no means academic. At least two building enterprises in the small and medium sized category—the larger of which, Storimans of Tilburg, employs around 150 people—have reached the stage in considering whether to convert themselves into co-ops, in discussions with workers' co-ops that in the Government on what their recommendations this change in tax liabilities would be.

There are also grounds for an open door.

## Dangling a tax relief carrot in the Dutch Co-op arena

BY ROBERT OAKESHOTT

The chances of at least one conversion in the building and civil engineering sector next year are probably better than the slacker condition of the labour market. That is partly because of a "soft touch" when it comes to a decision about capital gains tax liability in these circumstances. That is because of an pioneer enterprise in this category, the Moes Co-op based on Zwolle in central Holland, which turned over £108m—roughly £25m—was sold to its workforce and converted into a co-op in March 1976.

The enterprise, a private company owned by the Moes family, which converted itself into Co-op Bouwbedrijf H. Moes b.v., was sold at the time when relief from capital gains tax was granted, that its circumstances had been judged to be special. And it was put about by the authorities that the Moes case should not and would not be treated as a precedent.

All the same it is easy to see why the owners of Dutch private companies which are considering conversion now see themselves as having a real chance of avoiding capital gains tax if they sell out to their workforces. It is easy to see too why the drafters of the forthcoming report on Dutch co-ops, in discussions with workers' co-ops believe that in the Government on what their recommendations this change in tax liabilities would be.

In fact they have been a good deal better. According to the Co-op's chief executive and managing director, Ir. van der Graaf, there was a substantial improvement in the enterprise's net profits between 1976 and 1977 if account is taken of tax losses from the former private company which were carried forward into the Co-op's first year. Allowing for that adjustment the results improved, according to Ir. van der Graaf, from a break-even position in 1976 to a post tax profit of £180,000 in 1977. And for the 12 months to end December he now expects that the corresponding figure will be £1.5m.

A good deal of the current interest in possible conversion among building and civil engineering companies, or so he believes, stems from the fact that there is a high incidence of losses and no very convincing prospect of converting them to profits at an early date.

Ir. van der Graaf believes that the improved performance of the Co-op is largely related to manpower budgets and labour

### Attention

the INI-controlled steel concern, well behind its European counterparts in promoting the establishment of small flexible teams and promoting the concept of decentralisation in decision-making. Also, for the first time, he is introducing the idea of bonus payments to management to stimulate productivity and profitability. He wants INI to be profit orientated.

He feels that unless such changes in managerial style are made, it will be impossible to attract the kind of talent he would like to see in INI. "We do have a problem in recruitment. I would like to recruit more from the private sector but private sector wages are more attractive, and as a public institution we have to ask for a contract lasting from three to four years," he says.

However, he has already attracted two key people from the private sector to work for

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# Technical Page

EDITED BY ARTHUR BENNETT AND TED SCHOETERS

## ● PLASTICS

## Search for better forming method

CONVENTIONAL injection moulding procedures for thermoplastic materials are confined to the influence of these forming techniques on the properties and performance of thermoplastic materials developed in a joint programme between Le Carbone-Lorraine and SNI Aérospatiale. They are built up on the basis of a high modulus carbon fibre preform used as the reinforcement and matrix of pyrolytic carbon.

Several methods are used to densify the fibres. One of these is chemical vapour deposition, or CVD, in which methane or some other gaseous hydrocarbon is decomposed in situ around the reinforcing fibres. The deposited carbon is graphitised at temperatures above 2,500 degrees C. To CVD can be added impregnation with furanic resin or pitch followed by graphitisation.

Forging of the blanks consists of applying unidirectional pressure at a temperature higher than 250 degrees C.

Applications are everywhere, a user needs a particular high resistance to thermal shock, ablation-resistance etc., but cannot accept a weight penalty.

One is in aircraft braking systems with temperatures up to 1,300 degrees C and very low wear on rubbing surfaces.

One remarkable property of the materials is that their mechanical characteristics are double at 2,500 degrees C compared with values at ambient.

Le Carbone-Lorraine, BP No. 31, 41 220 Saint-Joures 69221

Genevilliers, France.

## Welds sheet or tiles

SWISS-BULIT motorised hot air gun and motor may be powered by a 110v or 220v mains supply. Two driven wheels can be fitted with a range of accessories for carrying out 40mm overlap or tape welding, whilst the front wheel can be swivelled to facilitate turning, and is adjustable for height.

Various plug-in heating elements are available for the hot air gun, giving a choice of

Typical overlap and tape welding applications include the manufacture or repair of marques, sunblinds, tarpaulins (including customs sealing), roofing, damp course sheeting etc.

Seam jointing is most commonly used to seal the gaps between pvc floor tiles, especially in kitchens, operating theatres, and other areas where hygiene is important.

The basic rig, called Variant, has a compact, lightweight chassis fitted with a variable position hot air gun and an electronically-compensated infinitely variable speed torque motor groover, hand chumfering tool which is capable of maintaining a constant predetermined rig setting for seam welding.

Distributor is Market Place, 5, Dean Court, Kingston Road, Tolworth, Surrey (01-837 0812).

### ● MATERIALS Stronger when hot

MARKETING has started in Britain of Aeronaut carbon fibre/carbon composite materials developed in a joint programme between Le Carbone-Lorraine and SNI Aérospatiale.

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### ● HANDLING One man loading

THREE portable general purpose fork lift loaders and two heavy duty industrial models, all manually operated, have been added to its MIT range by

Ezi-Lift of Slough, Berks.

The loaders have a lifting height of up to 1.06 mm and a loading capacity of 125 kg, yet weigh only between 25 kg and 28 kg. They need to be operated by one man only and, being portable, can be carried in a van.

Both models in the industrial truck range weigh around 52 kg

and have a lifting height of 1.06 mm with a loading capacity of 270 kg. Castor wheels on one model increase mobility and ease of handling, making it particularly useful where open door space is restricted.

A patented "deadman's handle" holds the load safely in position if the lifting and lowering handle is, for any reason, released.

Distributor is Market Place, 5, Dean Court, Kingston Road, Tolworth, Surrey (01-837 0812).

### ● NORTH SEA OIL Testing a sub-sea system

in conjunction with former Seal shareholders.

The practical tests involve the sinking and cementing of a 100 foot stump into the seabed by the Kingsnorth UK. There, 25 engineers and technicians will install a dummy Christmas tree and perform guidelineless testing, workover and function tests, utilising newly developed tools.

The tests are expected to last in the region of 10 days and will be attended by engineering representatives of oil companies.

The system developed by Comet Seal will not only install the tree assembly but also provides the back tool for completion and workover operations on big pressure oil gas wells.

The system is controlled and monitored from a console at

Comet Seal UK, Nord Centre, York Place, Aberdeen, AB24 3211/61.

The service is said to be based on an "intelligent" pig which

is inserted in lines from 8-inch diameter upwards through the test end, and propelled by water pumping to a preselected position.

The pig is then statically pres-

### ● LAING Detects leaks in pipelines

WHEN LOCATING leaks in oil, gas and other lines, it has often been necessary to carry out progressive cutting, capping and re-testing. These disruptions can

be avoided by using a service offered by the General Despatch Company, Roffey Road, Worksop, Notts S80 2PY (Worksop

3211/61).

The service is said to be based on a "smart" pig which

is inserted in lines from 8-inch diameter upwards through the test end, and propelled by water pumping to a preselected position.

The pig is then statically pres-

surised and acts as a seal between two adjoining lengths. In the section containing the leak there will be a pressure reduction.

The battery-powered pig measures the differential and transmits a leak-direction signal that identifies the section containing the leak. At the next position, another measurement is taken with the line under pressure. The leak will lie between the two positions showing opposite leak-direction signals.

As long as there is a flow from a leak, says the company, it will be located in within 1/10 of 1 per cent of the pipe length. The size of the leak can also be determined.

Because of the short search time, detection costs and constructional delays are minimised—leaks that would take months to find by current methods can be pinpointed to a matter of days.

### ● COMPUTING Eyestrain and the display

ALTHOUGH many of the original claims that prolonged work with a VDU produced health hazards have not been substantiated, or are being dismissed as trivial, some areas of doubt remain—including effects on existing sight problems, and the general ergonomic aspect of this type of operation.

The Post Office is conducting a five-year study of visual effects, involving checks on 450 operators and a control group of similar size. But results will not be available till 1982.

The Ergonomics Society, working with the Applied Vision Association, is to hold a one-day conference on "Eyestrain and VDU's" on December 15 at Loughborough University of Technology.

Computer users and systems designers, health and safety personnel and union representatives will find the event of interest.

Further details from TFM Stewart, Department of Human Sciences, University of Technology, Loughborough, Leics, LE11 5TU.

### ● PROCESSING Viscous fluid pump

DESIGNED particularly for higher viscosity fluids, or for the dispensing of large volumes of oil for industrial applications, is a pump which can be mounted in oil company standard drums or tanks.

An air-operated motor is directly coupled to the pump, the former being equipped with

reciprocating valve gear to ensure optimum efficiency in the use of air which may be from 3 bar up to a maximum of 12 Bar.

The high volume pump is one of several new products to be featured at the Motor Show in Birmingham by Tecalemit Garage Equipment Company, Bellary Industrial Estate, Roborough, Plymouth (0732 701212).

## Senator. The small circle of exclusive cars has grown a little.

Once, not so long ago, you could count the number of true prestige cars on the finger of one hand.

Now, there's genuinely a new contender

From one of Europe's biggest, most reliable—and successful—car builders: Opel.

The Senator is hardly inexpensive. But if you're in this kind of market, you'll know the best never comes cheap.

We give you a 3-litre, 6-cylinder, fuel-injected engine capable of over 120 mph and 0-60 in around 10 secs, without a murmur.

That's something both you, or your chauffeur, will appreciate.

So is the mood of sheer opulence that surrounds you. From the deep velour seats, the rich pile carpets, through to the tinted, electrically operated windows.

Suffice to say, the Senator is equipped with everything you've come to expect from a luxury car.

When you do get behind the wheel (power assisted of course, and adjustable) you'll be confronted with rosewood grain instrument panel trim, Le Mans cassette/radio, a seat height adjuster for the driver, plus

everything else that can transform modern motoring from an ordeal into a pleasure.

In purely practical terms, the

Senator, with automatic or manual transmission, can do a great deal to make the business of getting from A to B more comfortable, more efficient, less time consuming.

And do it in style.

We suggest you get someone to ring us on 01-522 5221 so that we can arrange a trial drive, or delivery of brochures, now, or come and see us on Stand 477, Hall 5, at the Motor Show.

Before the exclusive circle of Senators becomes even more exclusive.



SENATOR

Opel

# Mad Ludwig's moving fantasy

by DAVID PIPER

Ludwig II of Bavaria is not dream-castle-world were actually realised in towering and puny for all the formidable excess of his career, and even though Visconti's film *Ludwig* has just gilt, silks and all manner of household name in Britain, but least by the advantages of the new technology, such as electric *Designs for the Dream King*, at light. The Victoria and Albert Museum

Ludwig was hereditary ruler until December 17, the visitor of Bavaria: his family had ruled since 1180. He reigned between 1848 and his death in 1866. With informed of the capricious and the demanding nature of Ludwig as divine right of monarchy, he set out to re-create Versailles, claiming the Bourbons as his true spiritual heirs, but also merging a star in that particular dizzy into his overall vision the German Gothic past, the rococo of the Munich Residence, and the Wagnerian present. His sequence of castles became the sets, a sort of solid-state opera of mad Art historians may remember the extensive exhibition, in imagination, for a restless life of Munich 10 years ago, of his fantasy as he moved from one to the other. The tedious chores of the arts. Never before though has of kingship became insupportable, as his creative imagination, while those who have travelled in Bavaria may find it hard to realise that a high proportion of the designs (left from estimates of 37,000 marks for his works transcended by a majestic Schloss Nymphenburg) for

actual expenditure of near 4m. essays by Gerhard Hofer and (virtually the Baudelairean Simon Jervis, with a catalogue, heroic uniform of modern times). One hand is folded gently behind his back, as he

illustrations in the booklet, and teely behind his back, as he

do not reproduce every

item in the exhibition (which has brief and unnumbered labels). One or two of the most curious exhibits are in fact omitted—notably, a watercolour by Fidelis Schaber of the Venus Grotto in its first form at Neuschwanstein, about 1875. This is not to be confused with the two versions of the Grotto, Linderhof, in two watercolours by Heinrich Breling, 1881—these are reproduced in glorious technicolour, one lit raspberry-ice-pink, the other deep ice-pandorine blue (though actually to be good if not better effect in book form. In their kind, many of them are of high quality, but mostly of a kind that does not lose much in reproduction, though less spectacularly elaborate verbal commentary. At the exhibition you can buy (for a reasonable £9.95, but to that must be added £1.50 entrance charge), a well-posed and illustrated booklet, *Neuschwanstein*, including two illuminating frock-coat, top hat, slender cane



Woody Herman playing at Chichester

## Sanya Jazz Festival

# Herman at Chichester

by KEVIN HENRIQUES

The other major event at the Victoria and Albert is the exhibition of sculpture by Giambologna. This was noticed in these columns by William Packer in its first showing at Edinburgh: it is in London till November 16, and then goes to Vienna. Some additions have been made (notably, some of the wax

models for bronzes, too fragile to go on extended tour, and so visible only here), while an

additional dimension is added by the presence nearby of the great life-size marble group of the V and A's resident *Samson and the Philistine*. This has

understandably not been moved from its usual position, but seems

to have been provided with a

new (and still not quite satisfactory) plinth, and its lighting intensified in relation to the tell-

ing contrast with the formidable Bernini. Now we just up the steps. Even if many people find the Mannerist contortions of much of Giambologna's awkward and uncomfortable to the eye, and in execution and his skill, and that of even his shop and his followers, especially in the medium of bronze, remain breath-taking while he is beyond argument the crucial figure in European sculpture between Michelangelo and Bernini. The exhibition is further a once-and-for-all chance; it will probably be impossible ever to reassemble anything like so comprehensive a representation, and the chance has been taken by the organisers with delight, eagerness and a magisterial display of close argued scholarship (the catalogue costs £5—but essential for all interested in bronzes). It is a dazzling experience: arguably rather overlit (the spots bring out a sparkle, together with a most sensuous gleam, in the bronze, but lose some detail in heavy shadow) but displayed with great elegance, and very informative grouping. Bronzes are by their nature reproducible—reproductions of some of the models here were being made into the 1930s—and the V and A has even met that challenge. Two reproductions have been made in bronze, which sounds horrendous. The more however is both highly accurate, acceptable in colour and (unexpectedly) about right in weight in the hand even if the feel is not that of bronze. At £70, it is not at all unreasonable. David Piper

is an enthusiastic, tight, expertly "Satin Doll" and "Beale Street

drilled unit, mainly youngsters, as this are the real stuff of jazz

and four saxes who vividly evoke

the jumping, lyrical, of the

renowned "Four Brothers" of the mid-1940s. The band soloists

were Colours, an international

are polished, without being

sensational. Pick of them was diminutive baritone-saxist Gary

Simulian and trumpeter Glenn

Drewes.

Sarah Vaughan was the other

tenor-saxist Bud Freeman doesn't

count—he is now a naturalised

Briton. At her first concert,

though recovering from an ex-

tended journey caused by fog

(yes, she did sing "A Foggy Day

in Chichester Town") and initially

impressions gained during a

brief visit indicated that Sanya

was pleased with its investment, even though it seems

probable that the final accounts will show a small loss. Of course

Sanya was not striving for huge

profits. Indeed if any surplus

accrues from this or future

festivals it will be ploughed

back into the grass roots of

jazz in ways yet to be decided.

Sanya's aim was publicity for

the company (which it received

extensively) and to begin to

make the name Sanya synonymous with jazz in this country.

Inevitably and unsurprisingly

the artists chosen to perform

were safe box office attractions,

particularly the visiting Americans. The solid centrepiece was

the latest version of Woody Herman's Young Thundering

Herd which performed at five

concerts.

The laudable intention was to

mount a retrospective covering

Herman's 40 years in jazz with

part of each concert devoted to a

different period in his handbag-

ing career. But at the three con-

certs I attended this interesting

concept seemed to be forgotten

with only a couple of items

included from the relevant era.

Still it is always exhilarating a solo spot. He later joined the

Woody Herman and his Herd for mind off the dismal food.

If you're in the new State Pension Scheme, retirement could bring you down with a bump.

By now, you're either in or out of the New State Pension Scheme.

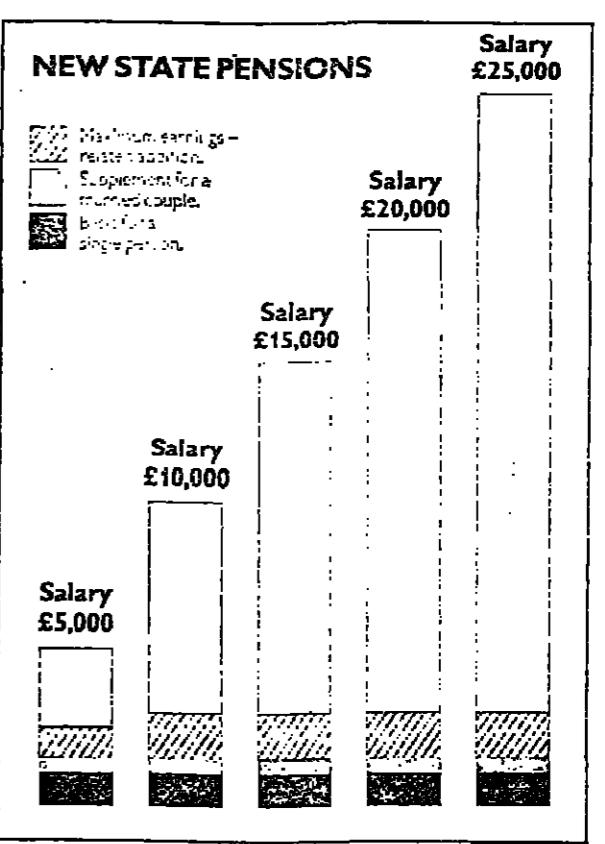
If you're in, what should concern you most is what you're going to get out of it.

What you will probably get is an inadequate pension at retirement.

Quite clearly, there's a large gap between salary and pension, and the higher the salary the bigger the gap—and that's where we can help you.

Equity & Law have the right policies—both for individuals and groups of employees—not only to help close the gap, but to provide what the State Scheme does not, a cash sum at retirement or a lump sum benefit on death before retirement.

Call your financial adviser, or contact us direct at any of our Branches. Then you'll have more to look forward to.



**Equity & Law**

## Coliseum

# All for Paul

by CLEMENT CRISP

Paul Clarke's death two years ago inspired his friends and colleagues the desire for a finer memorial to him than bare inscriptions on marble. Led by Alexandra Balashova, an illustrious ballerina in pre-revolutionary Moscow, and Patricia Ruane and Kerrison Cooke, they decided on a fund to provide teaching for young and gifted dancers, and with prodigious efforts in their own time they have raised £15,000. The sum needed for the Paul Clarke Memorial Fund is twice that amount—I would urge you to give your charity to send a contribution to the Fund at the Royal Academy of Dancing, London, SW11—and the gals at the Coliseum on Sunday was yet another step towards that goal.

Svetlana Beriosova, beautiful in red, made a touching opening appeal, and the participation of many dancers was framed by extracts from *Prodigal Son* at *Requiem*, the ballet which is so closely linked with Paul Clarke's bright young talent.

The planning of the programme deserved every praise; the items are too many to describe in much detail, but there were enough special treats to satisfy even the most jaded gala audience.

From the Royal Ballet Marguerite Porter and Wayne Eagling in an adagio from *Michael Charley's Symphony for Four*; Alfreda Thorogood and David Wall in a duet from *Voluntaries*, and Lesley Collier and Festival's Neilson Cooke in *Concord's slow movement*, were all very fine.

Ronald Emblem with a supporting cast from both Royal and Festival Ballets tripped through *Widow*, *Simone's clog-dance*, and *Pigeons*, which they created 16 years ago. They were splendidly shown in a duet from the triumphing *La* partnering difficulties.

## Palladium

# Leo Sayer

After the stiffness of Barry Manilow at the Palladium all last week it was a relief to welcome the oil so loose Leo Sayer on the same stage on Sunday. Mind you, there were times when you wish that Sayer would keep his hands and arms and legs and feet a bit more in contact with his body. *Moonglow* is a sad song and not at all improved by a series of mimes that make a charade of it.

But with such a strong repertoire of songs, and a sure falsetto voice Leo Sayer can hardly go wrong. Few artists can follow a moving and introspective song like *Giving it all away* with a disco hit like *You make me feel like dancing* and make both equally effective. It was the same at the end of the concert when his latest hit *I can't stop loving you* was topped by *Long Tall Glasses* with Sayer hopping around the place like a white-suited fly on hot cinders.

ANTONY THORNCROFT

## Elizabeth Hall

# ECO/Thomas

The double-bass might have sung melodiously and grunted grotesquely. Faced with the task of composing a double-bass concerto, Richard Rodney Bennett has enough skill as an entertainer to have chosen that way. Alternatively, he might have employed the extremes of avant-garde technique—slapping (and later) London's sonic strings, *glissando*, freakish high notes, electronics and the rest. Instead he has written a fully defying the accepted rules "straight" concerto in the 12-note method, or something very like it) and I regret to have found it merely tedious at its first performance on Sunday night.

Using an accompaniment of only oboes, cor anglais, two horns and strings, it was composed for the eventual winner of the double-bass contest recently held in the Isle of Man. Jiri Hudec of Czechoslovakia having emerged as victor, it was he who gave this performance with the English Chamber Orchestra under the American conductor Michael Tilson Thomas. Though Hudec was not up to his prodigious powers, throughout his three movements, the music itself prevented any such exhilaration as I felt at Mr. Hudec's solo recital five weeks ago. Mr. Thomas enriched the evening, however, by a beautifully a guest conductor worth cutloring performance of one of those "lesser" Haydn sym-

ARTHUR JACOBS

Two important promoting forces for new music joined forces on Sunday afternoon to present the visit of the Warsaw Music Workshop to England: the New Management Concerts, the new international version of the Luton Lemare Organisation (was featuring the group in its current series of concerts including East European music, while the Arts Council Contemporary Music Network was launching the group on a nationwide tour which will take it to Leicester, Huddersfield, Bristol, Cardiff, Nottingham, Birmingham, Derby, York, King's Lynn, and Wavendon—in all of which places it should not be missed. The Workshop has had a curiously co-ordinated essay in present form of a versatile quartet of cello, trombone, clarinet and piano for some ten years now, and it was evident in Soundings—a more potent effect than the more lavish bagpipes, futes and hurdy-gurdy of Idyll, but each piece made a telling point about artificial and natural sound.

Acute observation of sound quality seemed to underpin several of the other trifles—some no more than studies, preparatory thoughts for a piece. Vidovszky's *78/5/23*, a brief clank of manually damped piano sound; Serocki's *Swinging Music*, an entertaining reduction of jazz to its purely rhythmic elements, expressed in terms of noise, or Vidovszky's *Polonaise*, a curiously unpretentious.

I took strongly against Tilo Medek's "swan-song for town musicians" *Stadtfest*, with its ever-wilder eruptions from the piano (which made something like smoke rise from the instrument) and Gorecki's *Musique IV*, though each demonstrated the players' prowess and patience brilliantly.

But *Madina* by Ivana Loukova was a delicious evocation of Monday-mornings: drifting own two pieces contained by a concert's most delightfully in-penetrating alarm clock. I hope the unsure clowns that stop the music they play except the piano (which made something like smoke rise from the instrument) and Gorecki's *Musique IV*, though each demonstrated the players' prowess and patience brilliantly.

Planiat and director Zygmunt Krause has clearly formed and his group, and his Monday-mornings: drifting own two pieces contained by a concert's most delightfully in-penetrating alarm clock. I hope the unsure clowns that stop the music they play except the piano (which made something like smoke rise from the instrument) and Gorecki's *Musique IV*, though each demonstrated the players' prowess and patience brilliantly.

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## FINANCIAL TIMES

BRACKEN HOUSE, CANNON STREET, LONDON EC4P 4BY  
Telegrams: Finantime, London PS4. Telex: 886341/2, 883887  
Telephone: 01-248 8000

Tuesday October 17 1978

## Unanswered questions

BY THE end of this month, according to the declared timetable, the member governments of the EEC must take the fundamental decisions necessary to set up a European Monetary System. The Finance Ministers met yesterday to delve still further into the technical questions about the exact mechanism of intervention in the exchange markets implied by such a system. Unfortunately this barren dispute has taken up almost the entire time of those involved since the initiative in Bremen in June. As a result the Prime Minister, when he visits Bonn later this week and Paris next week, will have the opportunity to raise a whole series of fundamental questions which have yet to be answered—or even to be asked.

### National objectives

The most fundamental question is simply what is the purpose of setting up a union in the first place. This is not a matter of ensuring that all the participating countries have the same national objectives in joining. In such a union some members may hope to find more reliable markets for their goods, and others more stable monetary conditions. However, it is important to decide on the objectives of the institution itself. It could be, as the Commission wishes, a step towards closer economic and as monetary union: this raises questions about the co-ordination of fiscal and monetary policies which have not so far even been discussed. Failing some effective steps to secure convergence, the union will inevitably turn into a kind of European Bretton Woods, in which members can at best hope to find a source of balance of payments finance. Of course, this is not even a caricature of Britain's intentions in joining in the discussions leading to an EMS. On the contrary, the Prime Minister, like M. Barre in France, sees the act of joining as a public commitment to stability which may help to influence market behaviour, both in the exchange markets and round the wage bargaining table. Indeed, the fear that a refusal to join would be construed as a confession of weakness and provoke an immediate crisis provides one of the strongest practical arguments for British participation. All the same, the outcome does not always mirror the intentions of those involved. Adjustments inside the present snake have been quite frequent, and cumulatively large in some cases. Officials who are aware that any system of obligatory intervention positively invites speculation speak of the need for early, frequent and modest adjustments inside an EMS. It is hard to see how a regime of frequent adjustment would impose discipline or discourage speculation.

### The reserve role

Indeed, it is not only doubtful whether much would be gained by joining a mini-IMF; such an arrangement might very well have a short life. Inside the snake it has been possible to manage a cumulative movement of 17 per cent in the Norwegian krone, for example, because this currency is not widely traded. A fear of a similar movement for sterling would pose very different problems. Sterling is widely traded and widely held.

In as far as the rules for intervention are a central issue, the question of financing capital flows—and the related question of how far exchange controls can be justified inside a European system—are of far more substance than the present arguments over grids and baskets. The present debate is partly over the trivial matter of whether the weak or the strong currency authority should more actively intervene when market pressures demand it—in other words, whether the resultant debt should be denominated in the weak or the strong currency. This should only be of pressing concern to potentially weak members with low reserves. The more important issue is how much freedom of movement the EMS should countenance; but this is being debated out of its necessary context. Tight limits can only be maintained by economies which have converged.

The central question which the Prime Minister should raise in his discussion is not, then, the size and terms of credits available, or the precise rules for applying them, but the question of common economic policies. Policies will have to be broadly consistent with membership of an EMS if the system is to survive; real policy co-ordination would make the whole exercise worth while.

There are three issues involved here: the linkage of monetary policies; the development of fiscal policies in a European context; and what has become known as the transfer of resources—that is, an effective and equitable use of the EEC's own Budget. The first of these is the most pressing question, but fortunately the least difficult. Under floating exchange rate movements respond sharply to any errors in monetary management, and already the UK has been forced to tighten policies and Germany to more relaxed ones than would otherwise have been likely. The gap can be bridged.

### Locomotive theory

Co-ordinating fiscal policy is likely to be more difficult, both because of existing prejudices and because the objectives are less easy to define. Initially there could be strong pressure on the stronger countries to expand *financially more* than they would wish in order to take the sting out of anti-inflationary policies in the weaker countries—the locomotive theory in a European context. The idea that one can deflate without reducing the total pressure of demand is an illusion which seems to die hard in such negotiations. On the other hand fiscal policies ought to be drawn up on a European basis. The need to avoid excessive deflation in total, and the need to produce convergence in performance, may require some relaxation from the strong countries, if not a full locomotive effort. Planning will also be complicated by divergent business cycles, which should be accommodated, not suppressed.

The question of the EEC Budget and the reform of the agricultural policy has defeated good intentions for many years past, and clearly cannot be solved suddenly as part of a hurried negotiation for the EMS; the most that can be achieved here is a serious declaration of intent, with a symbolically helpful initial gesture. However, fiscal and monetary co-operation should be on the agenda now; and objectives for exchange rate stabilisation could then bear some relation to progress on the fundamentals. If Mr. Callaghan can widen the EMS agenda in this way he may set back the timetable by some months—which seems likely in any case; but he will greatly have improved the chances of an outcome which is both technically durable, and likely to make a worthwhile contribution to progress in Europe.

## WHITEHALL AND THE NEW ROCHE PLANT

# The international hard sell

THE ANNOUNCEMENT yesterday that Hoffmann-La Roche is to build a £140m vitamin C plant in Scotland marked the end of several months of hectic activity for the UK Government which has been bidding since early this year to win the investment and jobs involved for Britain. Eventually it was a package of nearly £48m in state aid that clinched the deal and stopped Hoffmann-La Roche reviving an earlier plan to build the factory in Switzerland, the company's home base.

During these months the British Government has been engaged in a fairly new sort of activity. It involves Ministers and civil servants acting as international industrial negotiators, with Government industrial aid as their main weapon.

Because of this the deal is especially significant since it shows two important ways in which Government aid to industry has developed during the past few years. Both ironically stem from initiatives first taken by the last Conservative Government: their future must now be in doubt if the Conservatives win the next general election and set about gradually dismantling the present intricate structure of Government support for industry.

The first is a new role that has been developed by the Department of Industry to attract inward investment to the UK, building on the work of Britain Bureau that was set up in a small way by Mr. Christopher Chataway when he was Minister for Industrial Development in 1972-73. The second is the use of special selective aid schemes which have been built up from the Conservatives' 1972 Industry Act and which are providing £18m of Roche's £48m State aid through the Government's Selective Investment Scheme.

The Invest in Britain Bureau, which now has about 40 staff,

operates within the Department's regional support and inward investment division.

From this base the Department has adopted a more positive attitude towards attracting foreign business and the Roche project is one of several examples where it has taken the lead with Whitehall Departments and other interests in preparing bids.

One of its first successes was winning a £100m Hong Kong

Mr. John Lippitt, a Department scheme to £70m spread across 108 projects with a total investment of £707m. A further 226 projects are being processed by the Department's Industrial Development Unit which vets schemes and then passes them for approval to the Department's International Industrial Development Advisory Board, comprising industrialists, trade unionists and other outsiders. A total of £180m aid is being sought for these 226 projects which account for a potential total investment of £1.7bn.

Since then Sissons has been a candidate for the plant along with other sites including Village-Neuf in Alsace and locations in the U.S. and Italy. Then in May this year, at a time when Roche was considering a £40m extension of its Dalry plant, Mr. Alan Williams sat next to Dr. Alfred Hartmann, the company's deputy chairman, at a dinner in Basle given to promote the Department of Industry's Invest in Britain Bureau.

Both these sets of figures for the projects approved and the outstanding applications indicate that there is normally a ratio of 1:10 between the Government aid and total project cost—a ratio that the Government had to exceed in the Roche case, where there is £18m aid for a £140m investment in order to secure the project for Scotland.

The Roche aid is the largest so far under the scheme, although there are believed to be some other similar sized projects under consideration. The previous largest was £10.5m aid for Unilever towards a £100m Thames Board Mills development at Workington, Cumbria, which also received £20m regional aid.

The regional aid is fairly automatic on a proportional basis in an area like Scotland, but the selective investment scheme aid is highly negotiable and at one stage three months ago it had to be raised to placate Roche and so moved up above the 1:10 ratio. At one stage a senior civil servant paid a five-day visit to Switzerland to sort out problems with the board and even at the end of last week there was a last minute panic when the EEC Commission in Brussels failed to give the industrial aid the go-ahead as fair under the Community's competition rules. Mr. Williams yesterday was highly critical of the "rather inefficient bureaucracy" that had let the Commissioner responsible, M. Voué, hold up until he was contacted, at the UK Government's request, by Mr. Roy Jenkins, the Commission president, on Friday.

A spokesman for Roche said last night that without considerable Government aid it would not have made sense for Roche to develop in Scotland. Certainly the Ministers and civil servants that have made up the new-style government negotiating team on the project constantly feared that Roche might return to Sissons. Whether as a consequence they raised their selective aid bid more than they needed to may never be known. In Whitehall yesterday, they seemed sure they had achieved a considerable coup.

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# JOHN LEWIS el Financial Times Survey

Tuesday October 17 1978

JOHN LEWIS

## EUROPEAN MOTOR INDUSTRY

The first ever Motor Show at the National Exhibition Centre in Birmingham which opens on Friday comes at the end of a year in which the European motor industry has seen momentous changes and at a speed which has surprised almost everyone.

### Where to find Lucas in Continental Europe

#### Where to find Lucas at the Motor Show

Hall 1  
Stand 106

Hall 5  
Stand 412

France, Germany, Spain, Italy, Holland, Switzerland—just about everywhere in fact. For Lucas, the continental mainland of Europe is very much an extension of the company's home market.

Last year, over £200m. of Lucas Electrical, Lucas Girling and Lucas CAV equipment was exported to Europe's vehicle makers. Fifteen Lucas wholly owned or partnership factories, in seven European countries, produce electrical, braking, diesel fuel injection and aerospace equipment. And Lucas Service covers the European continent with 7 service companies, 29 distributors and 2,400 agents.

Now, on the occasion of the British Motor Show, Europe comes to the National Exhibition Centre in Birmingham, where Lucas will provide a home from home.

**Lucas**

## EUROPEAN MOTOR INDUSTRY II

## A year of momentous change

THE LAST 12 months have witnessed momentous changes in the European motor industry. During this period, various moves towards further rationalisation have been set in train, while Renault has launched a new move into the U.S. market, and the links between the industry and Government have been underlined by the projected deal between Volvo and Norway. The pace of change has unquestionably switched into a higher gear much more quickly than most people in the industry expected.

The most dramatic development has probably been the \$430m PSA Peugeot-Citroën bid for Chrysler's European interests. This has caught the headlines because its effect will be to create a larger car group than any other in Europe with a productive capacity of about 2.2m vehicles. But at the same time it underlines Chrysler's retreat from international markets, and opens up new U.S. opportunities for the French group because of the possibilities of using Chrysler's distribution network for its own products. It will also put PSA into the top flight of world companies in terms of car output, ranking number three after General Motors and Ford.

In addition to this bid, the other most significant developments in the past year have been:

## CAR PRODUCTION IN EUROPE 1977

	Passenger cars
PSA PEUGEOT-CITROËN	
Peugeot (France)	676,109
Citroën (France)	667,280
Total	1,343,389
CHRYSLER	
Chrysler (France)	476,565
Chrysler (UK)	169,492
Chrysler (Spain)	96,435
Total	742,492
TOGETHER:	2,085,881
VOLKSWAGEN	
VW (W. Germany)	1,208,867
Audi NSU (West Germany)	317,928
Total	1,526,795
RENAULT	
Renault (France)	1,259,038
Fas Renault (Spain)	224,358
Total	1,483,396
Fiat (Italy)	1,200,707
GENERAL MOTORS	
Opel (W. Germany)	922,304
Vauxhall (UK)	93,237
Total	1,015,541
FORD	
Ford (UK)	406,633
Ford (W. Germany)	542,750
Ford (Belgium)	305,559
Ford (Spain)	213,268
Total	1,468,240
British Leyland (UK)	651,069
Daimler-Benz (W. Germany)	409,090
Seat (Spain)	346,555
BMW (W. Germany)	284,771
VOLVO	
Volvo (Sweden)	171,800
Volvo Car BV (Netherlands)	54,800
Total	225,800
Afa Romeo (Italy)	201,118
Saab Scania (Sweden)	76,498

Source: Economic Intelligence Unit.

designs and engineering in the past, may want to bring it directly under its own control, particularly since it gives the European country a stake in the market for the first time. This will produce a vehicle which is the major difficulty facing an importer in such a big country. Renault is also negotiating with Mack, the American truck manufacturer, for similar distribution rights in the commercial vehicle field.

3. Volkswagen's opening of its new U.S. plant in Pennsylvania. Like the Renault deal, VW's decision to go ahead with U.S. manufacturing has been influenced by its need to avoid currency losses. The German company has been hit very hard in this area in recent years as the Deutschemark has appreciated at the expense of other currencies. At the same time, production costs in Germany have been moving up so rapidly that it has now become cheaper to make the vehicles in America itself. Unlike Renault, VW already had an extensive distribution network in the U.S., and these moves have been designed to protect this.

4. Negotiations to put SEAT on a new footing in Spain.

These talks, which could well end in Fiat taking over complete control of SEAT in Spain, Volkswagen and MAN in West Germany, and provides for the 33 per cent stake, follow joint development and manu-

SEAT's rapid sales decline in facturing of a vehicle to fit the last two years. This has been caused partly by the equivalent of the Transit) and the smallest MAN trucks of the Fiesta in Spain, and about 14 tons. Moves are afoot by the expansion of the distribution company for this subsidiary plants. The Spanish Government has a large stake in SEAT, along with several private banks, and one possibility is that the company will eventually be nationalised. But Fiat, which has provided the Spanish company with its basic

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# THE EXCITING NEW VAUXHALLS. MAKE SURE THAT YOU GET THE WHOLE PICTURE.

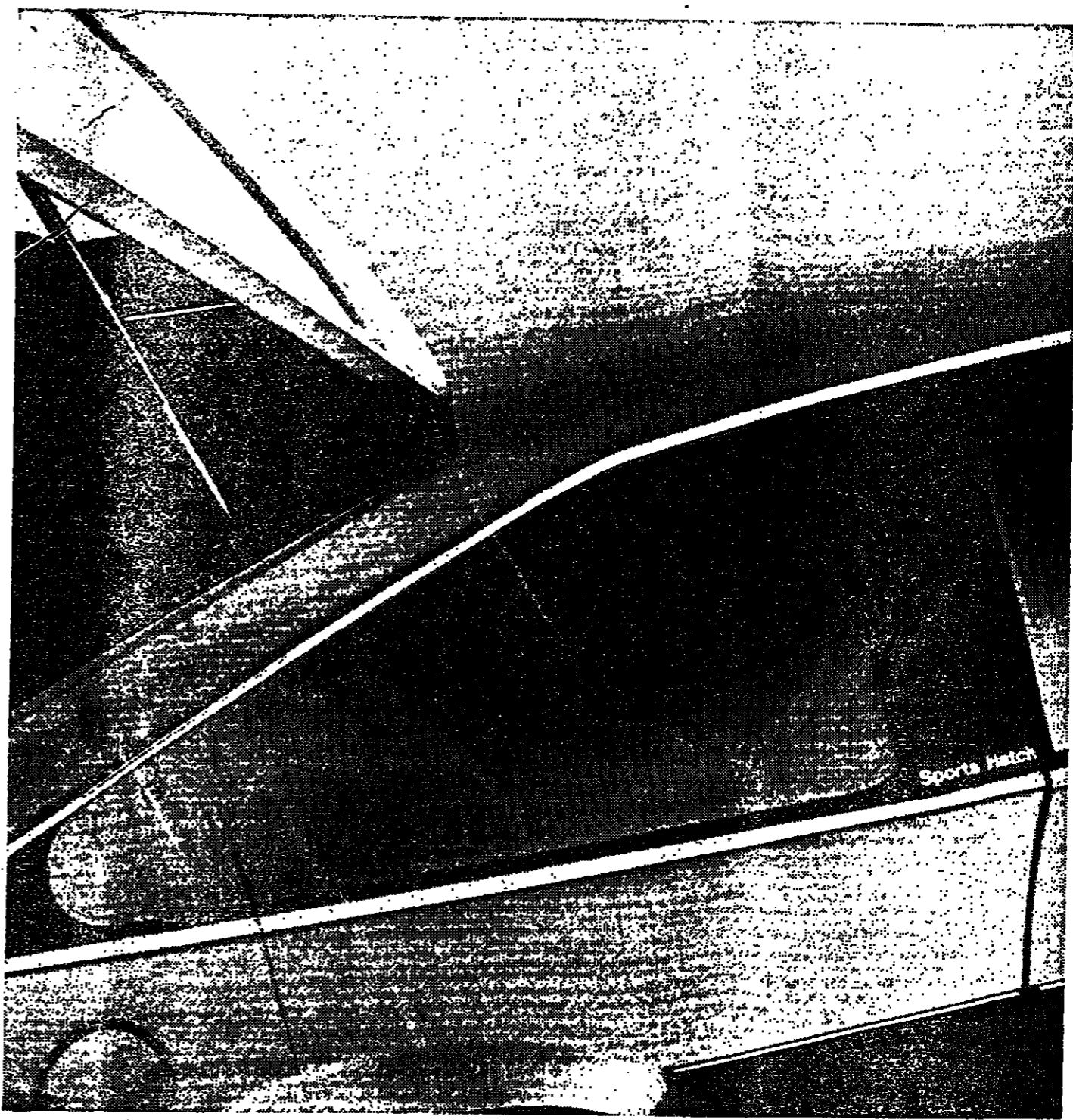
The Chevette and Cavalier, highly acclaimed by leading motoring journalists, saw the start of a new era for Vauxhall.

The extraordinary success of these cars can best be illustrated by the sheer number seen on our roads today. Building on this success, we enter a new phase with the introduction of six new cars.

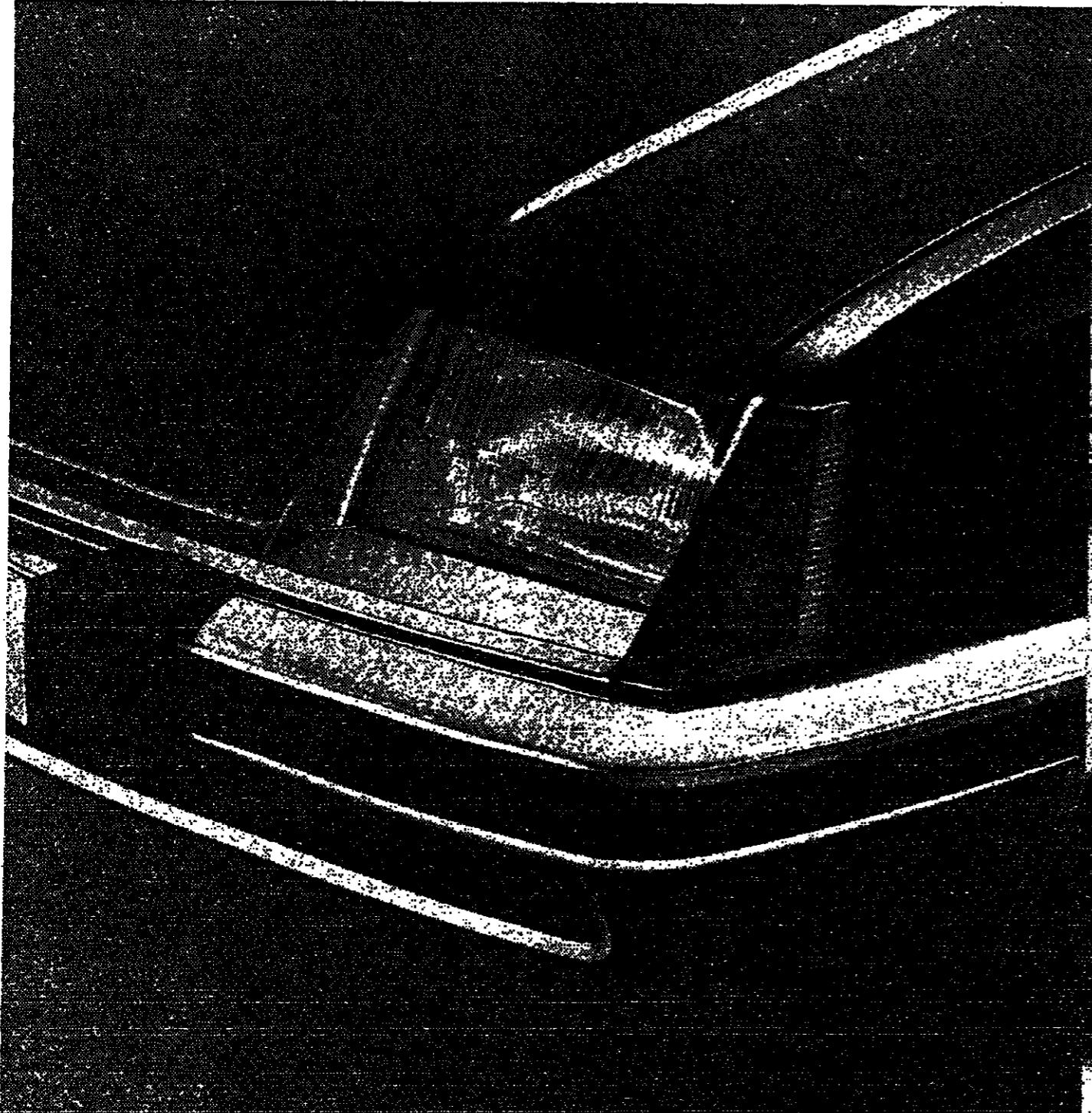
The Sports Hatch, now available as a 1600 or 2000, joins the elite ranks of the Cavaliers whilst the new Carlton 2-litre Saloon and Estate, and the luxury 2.8 Royale Saloon and Coupé complete a truly comprehensive range of quality cars.

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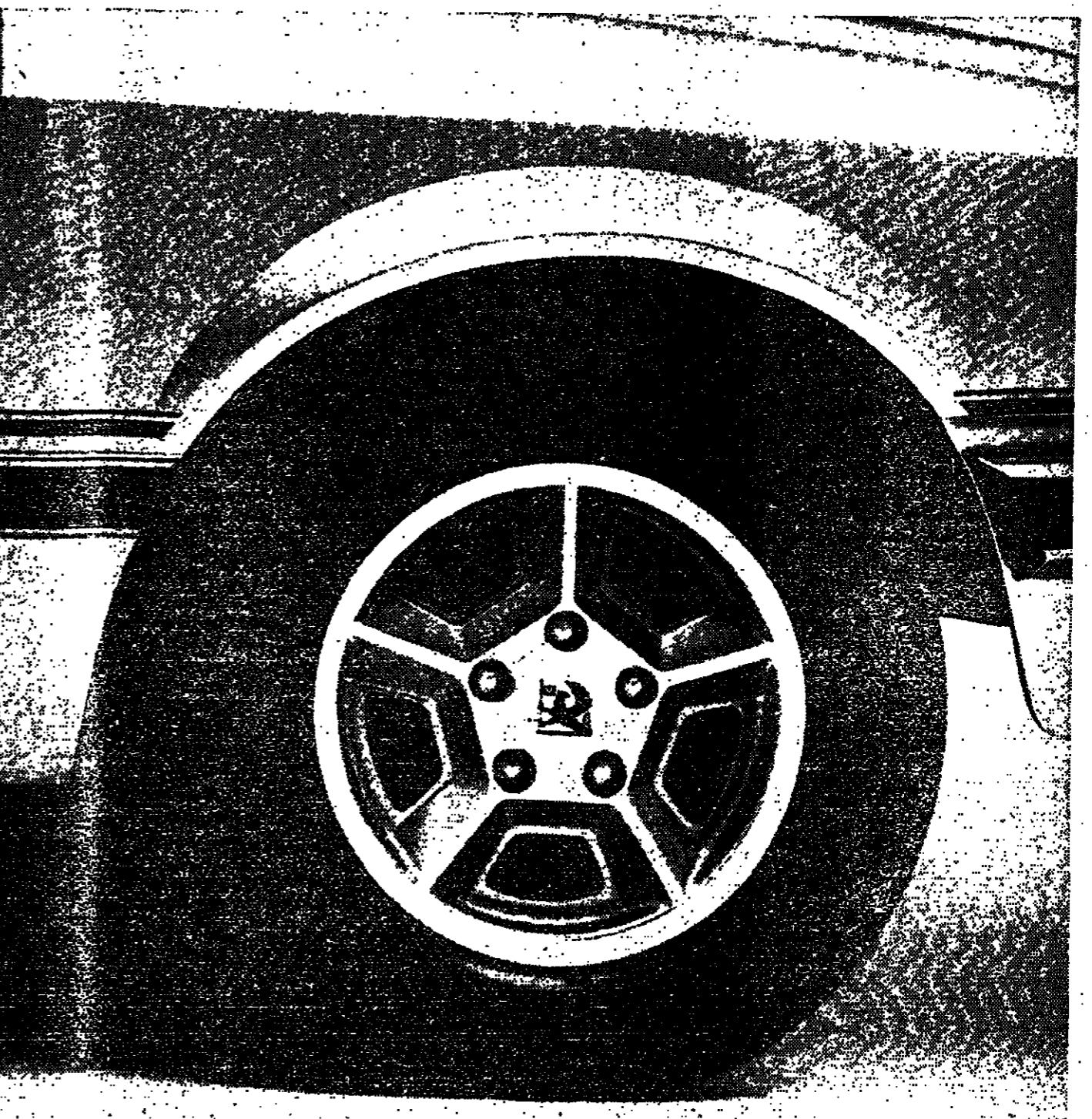
**VAUXHALL** 



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THE NEW ROYALE

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The Morris Marina 1300 coupe



The Triumph Dolomite 1500 HL

## EUROPEAN MOTOR INDUSTRY IV

On the next three pages our correspondents discuss the performance of the industry in the major European centres in the light of the major moves towards rationalisation which have taken place over the last year.

# West German performance

THE WEST German motor slower than expected, rising by 4 per cent in the first eight months of this year. The figure is rather more impressive than it at first appears for the motor manufacturers last year were working flat out at full capacity.

Car makers here have been enjoying a boom in the domestic market that has swept sales and profits up to record levels. Production capacity has failed to keep pace with demand and delivery periods have been lengthening considerably even in the popular car market.

Last year the country's car makers turned out some 3.55m units—7 per cent up on the previous year's figures. At the same time exports, despite the strength of the deutsche mark, went up by 11.4 per cent to 1.84m units. While car sales are still well below 1973's pre-oil crisis record of 2.17m units, the car manufacturers have little to complain about.

This year domestic car registrations increased by only 3.6 per cent during the first half year, compared with a

growth of 9.9 per cent during the same period of 1977. Exports also went up rather

But if Volkswagen symbolises the resilience and strength of the industry, its history also

provides a graphic illustration

—that the management is planning to make a major acquisition in the near future to give a result of the effect of the introduction to the market which is appreciating value of the Deutsche Mark on dollar prices set by Daimler-Benz and BMW rather than the fact that its ageing "Beetle" model is losing popularity.

VW's "second leg" to offset the cyclical fluctuations in the car market. Although plans are still in the study phase, there is some urgency to the scheme as the balance sheet of the company is currently more reminiscent of a bank than an industrial company.

Perhaps even more impressive is the fact that VW has completely turned around its loss-making subsidiaries in Brazil, Mexico and the U.S. Figures for the opening six months of 1978 show that Brazil's first half loss of DM 25m last year was turned into a DM 40m profit. In Mexico a DM 33m loss this year became a first half DM 33m profit, while in the U.S. where the group has started production of its American version of the "Golf", 1977's first half loss of DM 21m was turned into a modest net profit of DM 11m.

Risen by a third in the performance of the first six months of 1977 to DM 265m.

That group has so much cash

But if Volkswagen symbolises

the dangers that it faces, VW trade has also had a nasty medium range BMW. Furthermore, the decline of the dollar has enabled GM to drop its prices twice this year already, once by 3 per cent and then by 4.4 per cent.

The Germans' acceptance of the U.S. products has been more than encouraging. Projected sales for 1978 are 20,000 units, intended to rise by 30 per cent to 26,000 units next year. It is understood that the entire year's deliveries have been sold out—the moment they have arrived on the market.

## Challenge

While General Motors is very coy about its plans, many in the industry's observers believe that its challenge to the up-market German producers is very serious. When one considers that customers are being asked to wait for up to two years for delivery of the latest Daimler-Benz range, the opportunities for the up-market German producers are very good.

Until now the French have been very European in concept dominated the imports market, and are fully equipped to meet with the Renault marques head-on. Germany's stringent registration regulations are moving into Germany in a large way and their aggressive sales strategy appears to be bearing fruit.

U.S. manufacturer. Both models have been testing the West German market. GM has been offering two imported cars among the same cars for sale—the Camaro 1.5m vehicles registered in sports car and the Malibu 2.1 per cent.

Although they are both very

design requirement forced on

Detroit by the U.S. Government

Registrations of Japanese

men's new fuel consumption

made vehicles were up by 53.7 per cent during the first half of the first time brings American

1978 compared with the figures cars into the European league

for the comparable period of

The fact that they come with

last year. Admittedly their slice of the market is tiny—48,182 accessories package is an added

units in the opening six months incentive for buyers who are

—but there is a growing accept

used to paying extra for every

Japanese design, quality, thing from a cigar lighter to

and, above all, price among electric windows.

The Americans' prices are

While it will be the mass far more than competitive.

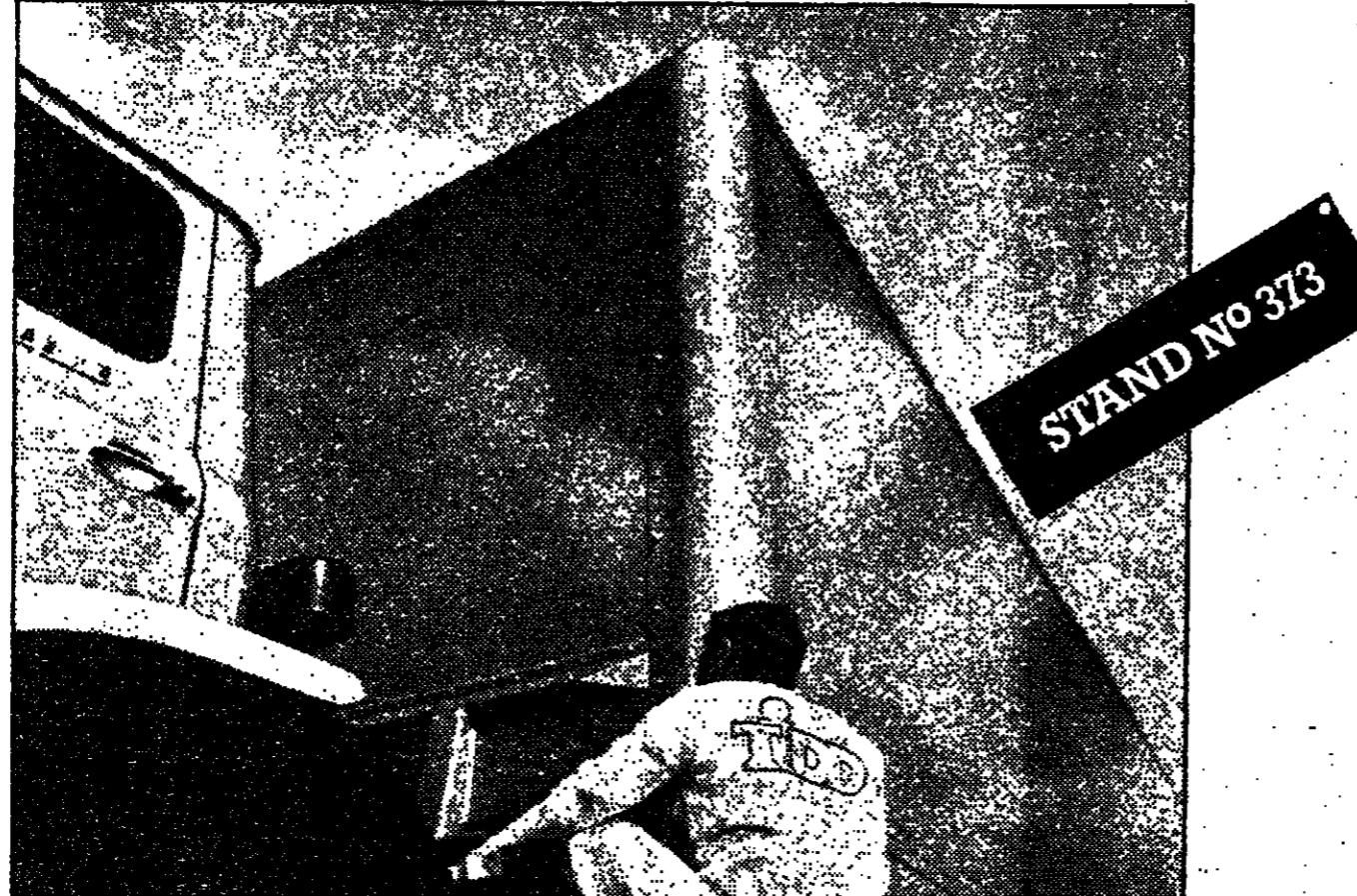
A producers who will feel the Camaro, for instance, car

sharp breeze of Japanese competition, the price one

petition, the upper end of the would expect to pay for a small,

Guy Hawkin

# Tidd Golden Strongbox. A lot for nothing extra.



A lot of new features.  
A lot of value. And a lot of advantages for you with no increase in price.

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BOTH SWEDISH automobile manufacturers, Volvo and Saab, saw the agreement as marking a switch from the defensive in 1977 with export sales off-posture Volvo had had to adopt during the previous couple of years, as rising Swedish costs and a contracting world car market, ate away at its profit margins. The Norwegian connection promises to supply at least part of the cash Volvo badly needs for product development.

The export sales recovery

linked with the devaluation of the krona has returned Volvo's car production to profit while it must be assumed that the safety in harbour. The agreement has aroused considerable profitability of Saab cars, which have been running at loss for criticism, in Norway, mostly years, has also improved. from industrialists and economists—but also from opposition nevertheless, these advances do not answer the questions about politicians. The Norwegian long-term viability of two Federation of Industry has relatively small manufacturers queried whether Volvo's from a high-cost country in a move to create between 3,000 and 5,000 new jobs in Norway

The agreement negotiated by Mr. Pehr Gyllenhammar, Volvo's managing director, with the Norwegian Labour Government was a quick rebound after the long-term viability of two Federation of Industry has relatively small manufacturers queried whether Volvo's from a high-cost country in a move to create between 3,000 and 5,000 new jobs in Norway

Swedish manufacturers. Volvo

The Norwegian Government

also faces difficulties in disposing of half of the shares

who will have strong capital in the new holding company

resources and access to a potential new source of income from

North Sea oil.

which should go to private investors. In return for compliance with the Government's

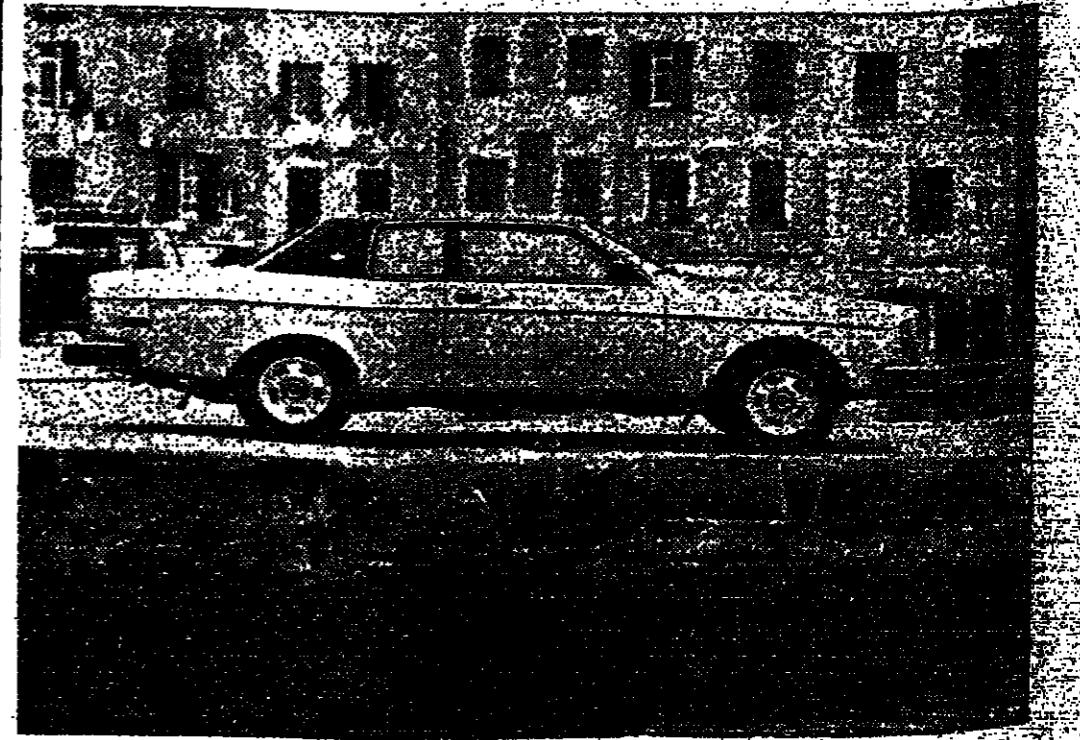
Mr. Gyllenhammar himself has

seen the agreement as a turning point in Volvo's performance during the first part of the year.

At the half-way mark of the year, the company showed a 41 per cent

increase in pre-tax earnings.

CONTINUED ON PAGE SIX



The Volvo 262C

## EUROPEAN MOTOR INDUSTRY V

## French become a world force

THE FRENCH motor industry pored a lavish christening party is going through one of the most important periods of structural change in its history. Peugeot-Citroen, the result of the 1975 merger of two medium-sized manufacturers, has catapulted itself (and the image of French technology) into the world rankings with its purchase of the European operations of Chrysler.

The State-owned motor company, Renault, for so long used to being the country's No. 1, is negotiating for the distribution and eventual manufacture of its vehicles, particularly the new 18, by American Motors Corporation, reflecting ironically on the fact that more than two years ago it was refused permission by the French Government to discuss the acquisition of certain Chrysler assets because it would open up too great a gap between the public and privately-owned French motor sector.

On the components front, the disputed acquisition by the Ferodo group of the Dicellier electrical components' company in the face of the bitter struggle by Lucas to apply what was a water-tight agreement giving it first refusal of 6,400 will come out of factories the 51 per cent it did not in France. It has filled out its already own in the company has model range during the course created for the first time a of the year, adding the four European scale French-owned versions of the Renault 18 which components' group. Ferodo it looks to as its first really faces, however, a formidable international car (it is earmarked for overseas production, including in the U.S.); completing its Renault 5 "mini" with an automatic version; expanding the 14 into full range; topping up the expensive end of the range with the 30 TX; and adding a 4TL version to that evergreen, not far short of its 20th birthday, the Renault 4.

But in the sudden position of being the challenger instead of the market leader where does the state-owned company go? According to M. Bernard Vernier-Paliez, its chairman, it relies on internal growth. Certainly, it is difficult to see a suitable candidate for a Renault merger or takeover. Conversations with British Leyland have more or less come to a halt since Mr. Michael Edwards took over control of the company. M. Bernard Hanon, the head of Renault's car division, says that previous discussions had opened up the way wide-ranging co-operation, and he recently commented that he hoped that talks would resume as soon as Mr. Edwards had established the main lines of BL development.

M. Vernier-Paliez describes Renault's strategy as being based on three principles: unity of marque and image; unity of the range; and unity of the commercial network. This strategy had already taken the company from a world-wide production of 565,000 in 1962 to 1,787,000 last year.

This year the company will invest some FF 1.2bn to modernise existing factories, develop automation (particularly welding and painting robots) and in the new plant. It is also extending its overseas facilities around certain "poles"; for example, an Iberian pole in Spain and Portugal which will eventually be closely associated with French operations.

## Careful

But the star turn of the year is, of course, Peugeot-Citroen. One must be careful not to focus too strongly on the whiz-kid of the 41-year-old chairman of Peugeot-Citroen (despite the double-barrelled name, the parent company is Peugeot) Jean-Paul Parayre, who came into the group with Government blessing four years ago after a career galloping through the upper ranks of the civil service. Peugeot is still a traditional company, and M. Parayre has been tempted by the personality cult. A directorate of three

Peugeot fare the better. The national market for cars has taken the final decisions: a lot remained buoyant beyond the leg-work on the Chrysler expectations of the oil crisis take-over was done by his pessimistic Renault took over predecessor, M. François Gautier. Berliet several years too late; while the Peugeot family, with it was just in time to walk into 40 per cent of the capital, has the worst recession in the country by no means retired to live off the commercial vehicle sector for the glory of its name.

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The acquisition of the Spanish interests of Chrysler will reinforce the drive towards overseas manufacturing capacity; the new grime in commercial vehicles medium-range Peugeot 305 is of FF 1.5bn (now stretched out over longer than the five years originally programmed) RIV is in the unfortunate position of a proud grandfather who has pre-

dicted that the guests have

declined the invitation: the activities.

market for vehicles of more than 5 tonnes has fallen by a quarter over three years to take it back to the level of 10 years ago; prices are 15-20 per cent below their pre-crisis level.

Renault has opted to lose market share slightly rather than persist in a price war. RIV used

lost FF 1.25bn last year and is heading for much worse this.

If commercial vehicles are the bad news, private cars are undoubtedly giving recession-proof evidence of the place they hold in the Frenchman's affections.

In the first eight months of this year only the scattered strikes at Renault before the summer holidays prevented output reaching 2m. In the first half of the year France exported 840,000 complete vehicles and a further 250,000 for overseas assembly. Imports were only 215,000 and the penetration of imported vehicles has declined recently to around 20 per cent.

Renault's world-wide production will rise to 7,850 vehicles a day this autumn, of which 6,400 will come out of factories the 51 per cent it did not in France. It has filled out its

model range during the course

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of the year, adding the four

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the Renault 4.

The big question-mark—dis-

cussed elsewhere in this survey—

is over the British Chrysler

The French company has pro-

mised that it will maintain the

integrity and identity of the

three component parts of its

empire—Peugeot, Citroen and

Chrysler, with separate dealer

systems. This follows the pat-

tern it established with Citroen.

When Peugeot acquired Citroen

in 1971, the two companies

had been brought under the wing

of Peugeot men under Mr. George

Taylor went across to the new

acquisition to turn it round, and

a similar discretion is to be

expected in its treatment of the

Chrysler operations.

However, the three marques

do now present something of a

proliferation of models with a

lot of overlap, and since the

avowed purpose of the acquisi-

tion is to rank in size with the

U.S. and Japanese industry and

gain the consequent economies

of size, a lot of effort is likely

to go into achieving the maxi-

mum common use of com-

ponents within a homogenous

model range, allowing for flexi-

bility in adapting production to

the demands of the market.

A casualty of the inevitable price

rise of the French war.

Government to sanction the

increase in the Lucas stake in

the electrical component com-

pany Dicellier from 49 per cent

to full control despite the pre-

emption agreement Lucas had

negotiated with the seller, DBA

(Bendix), illustrates another

element in motor industry

policy. Over the past few years

a series of ailing component

companies have been brought

under the wing of the Ferodo

group in an attempt to introduce

a French name into the world

market for components.

The complete acquisition by

Lucas of Dicellier, according to

the Government's thinking,

threatened to render these

efforts useless by establishing

Lucas firmly as the competitor

to Bosch of West Germany with

a high-technology product range

against which Ferodo could not

compete. According to the Gov-

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# Signs of recovery in Italy

**THERE ARE** signs emerging of a gradual recovery of the Italian motor industry. After initially set the pattern of four years of crisis conditions, wages in Italy and directly involves the motor industry. The domestic market is expected to grow by an estimated 10 per cent this year with sales likely to total about 1.3m, but while this figure is a significant improvement over last year's total, it is still some 200,000 short of the record sales of 1.5m during the so-called "golden days" before the energy crisis.

The explanation of the much slower recovery of the Italian market compared to other European countries like France and West Germany, which turned out record production last year, is in large measure the result of the weakness of the Italian economy as such rather than the motor industry itself.

However, the Government is now attempting to introduce a long overdue recovery programme aimed, in part, at promoting a general increase in industrial output at the same time as containing the continuing increase in labour costs to enable industry to maintain export competitiveness.

The Government appears in recent weeks to have gained the broad support of the country's political and labour forces for its three-year (1973-81) programme. This has generated a degree of qualified optimism among industrialists, who nonetheless stress that the real test of the ability of the Government to enforce its programme has yet to come.

Indeed, this key test is likely to take place during the next few months when a series of major national labour contracts will be renewed involving a total of some 6m workers.

Among these is the crucial whether to inject fresh capital

## Negotiations

In this sense, the labour negotiations will be clearly decisive for Fiat, Italy's largest private enterprise. The Turin group is heavily dependent on the domestic market. Its sales currently account for as much as 56 per cent of Italian registrations, and any repercussions on the Italian economy as a whole immediately work themselves down on the group's performance.

In much the same way, the fate of the trade unions will be determining for Italy's other main motor manufacturer, the State-controlled Alfa Romeo car group. Alfa Romeo, and particularly its Alfa Sud plant near Naples, has been plagued by chronic labour difficulties which has provoked serious distortions on production levels.

Production at the Alfa Sud plant, representing an investment of some £20m, has been running at about a third of its capacity of some 250,000 cars a year. Over the past five years, Alfa Romeo has built up as a result of these production problems huge losses of more than £500m.

Next month, the State holding Istituto Per La Ricostruzione Industriale (IRI) is scheduled to take a decision on whether to inject fresh capital

into the troubled car group, and it is probable that IRI will have to call on the Government for urgent funds to keep the Alfa Sud plant open against all normal economic criteria.

Already a top management reshuffle has taken place at Alfa Romeo, and despite optimism earlier this year—following a lengthy round of negotiations with the trade unions—that production could be raised, the future of Alfa Sud still looks uncertain.

Against this still uncertain situation in Italy, Fiat, for its part, has continued its broad policy of spreading its interests in other markets. While the company has been engaged in a series of deals with eastern European countries and developing world markets, Fiat has its eyes firmly set on the European community market. Its aim is to increase its present 5 per cent share of the EEC market to about six per cent to compensate the inevitable inroads of foreign manufacturers on the Italian market.

In recent months, Fiat has launched a major publicity campaign in the main community markets to promote its cars. This already appears to have paid some dividends. In Britain alone, the Turin group has seen its market share rise over the last eight months to 4.3 per cent with sales increasing by 10 per cent compared to the same period last year.

The group is also launching on the community market this month its new range of models, including the Fiat 121 and the Supermirafiori 131 together with new diesel models. As a result of the introduction of the new 121 model, Fiat's Autobianchi sales in the first half of the year increased by 24.5 per cent, and the group is relying

on its more prestigious vehicles group, itself representing something of a lead in the process of European industrial integration.

However, Fiat now appears to be intent in returning to its primary vocation of the car business, currently accounting for about 40 per cent of the group's overall business. A large slice of the group's three-year £3bn investment programme is to be dedicated to car activities and the Turin group is also seemingly looking towards its Spanish associate, Seat, to help it return to the top positions of the European car manufacturing league. Indeed, Fiat is currently holding talks with Seat which could eventually lead to Fiat taking a larger stake in the Spanish concern.

Paul Betts



The Alfasud from the Alfa Romeo range

# Swedish manufacturers

CONTINUED FROM PAGE FOUR

SKr 395m while sales had climbed 21 per cent to just over SKr 9bn. The profit margin rose to 4.7 per cent of turnover in the second quarter, still far below the 10 per cent recorded in 1973 but a considerable improvement on the 1977 level.

Car sales climbed by 22 per cent to a first-half total of SKr 4.9bn. This gain was largely due to the benefits of last year's devaluation but also reflected a five per cent volume increase.

This in turn was made possible by the stock reducing policy Volvo adopted in 1977, which has opened the way for higher production this year, as dealers replenish stocks.

Around 135,000 cars were delivered to the final customer in the first six months.

Volvo's car production

is mature launching ironed-out, final effort to prove the validity of the abortive merger between Peugeot Citroen of France and the UK Chrysler groups. European activities, but such mergers are at the same time putting pressure on the Italian car industry, which has had to rely increasingly on exports. Indeed, Fiat has for long argued against Japanese imports to Europe and the setting up of a 10 per cent limit of the Japanese share of the EEC market.

In recent years, Fiat has concentrated its main efforts in its non-motor activities. This has led, for instance, to the setting up of the Iveci commercial

market to fulfil its hopes of capturing a larger segment of the market for Volvo. Last year's results were dismal. The

Scania truck division had to offset the decline of about 10,000 cars in domestic sales

where however Volvo maintained its market share.

Volvo has been pursuing an offensive market policy, passing on to its customers the major part of its devaluation gains

and even cutting the price of its 240 models on the Swedish market.

This has substantially improved its price competitiveness, particularly against the German cars, but leaves open the question of how long it can

push for volume increases at the expense of profit margins.

After dipping into the red last year Volvo's car business is understood to be back in profit but earnings are still far from

adequate and the car factories are still operating well below capacity, even though output has been raised and more workers

taken on in Gothenburg. The

real profit generators remain the trucks and the aircraft engine production for the

Swedish Air Force.

Volvo still has to bring its Dutch car production into profit, although here too there has

been a radical improvement this year. The European sales of medium-sized 343

and a longer wheel base, giving it is claimed exceptional road behaviour.

The turbo car, which was highly favoured in the trade-press, and the 900 make up the

third best seller.

Rebuilt with a manual gear box and with the production

problems occasioned by its pre-

## Volume

Saab-Scania has adopted a different policy from Volvo's. Instead of competing in price and pushing for volume, it is steadily moving up market into increasingly specialised models with larger profit margins. The cheapest of its new 900 models is some 20 per cent more expensive than the regular Volvo 240.

Saab is investing about SKr 135m (\$30m) in new production facilities for the 900, which has a re-designed chassis and a longer wheel base, giving it is claimed exceptional road behaviour.

The turbo car, which was highly favoured in the trade-press, and the 900 make up the

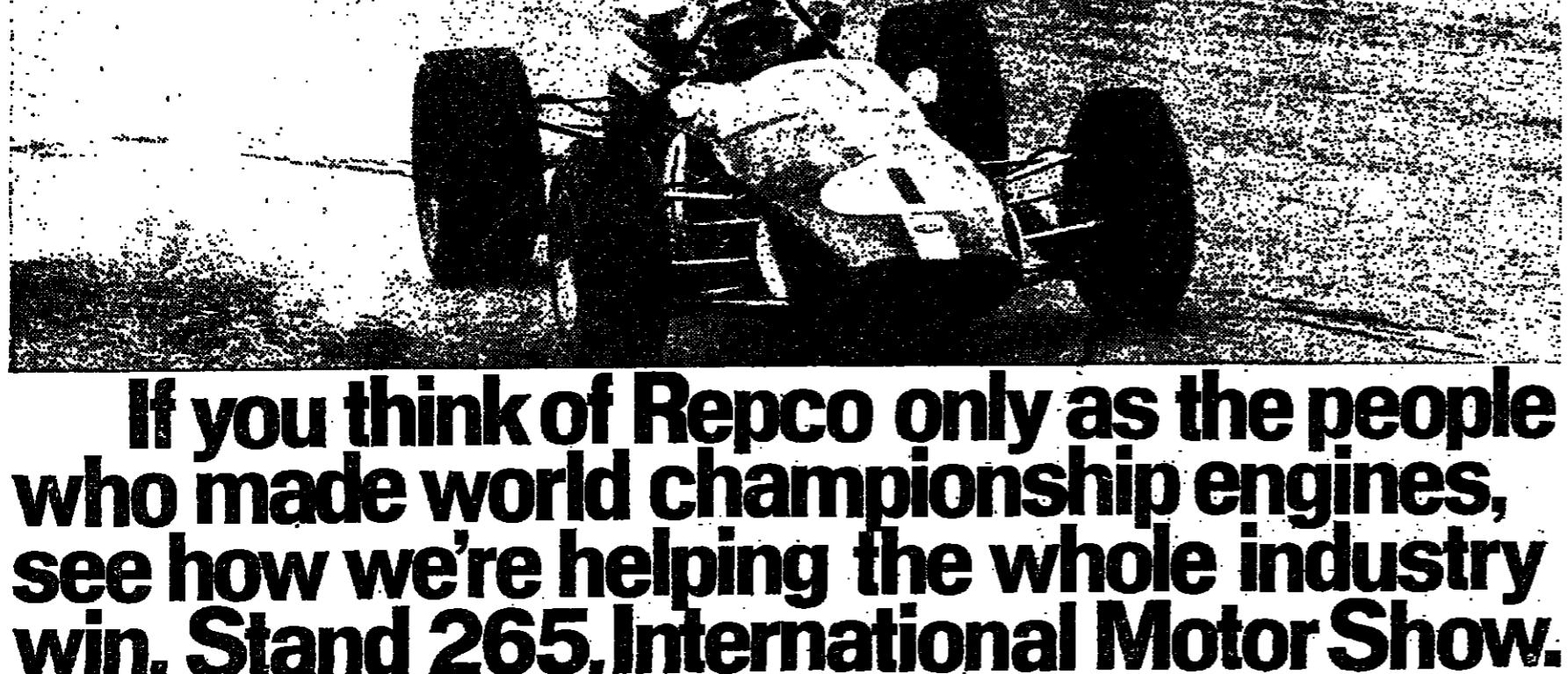
third best seller.

Rebuilt with a manual gear box and with the production

problems occasioned by its pre-

ground.

William Dufford

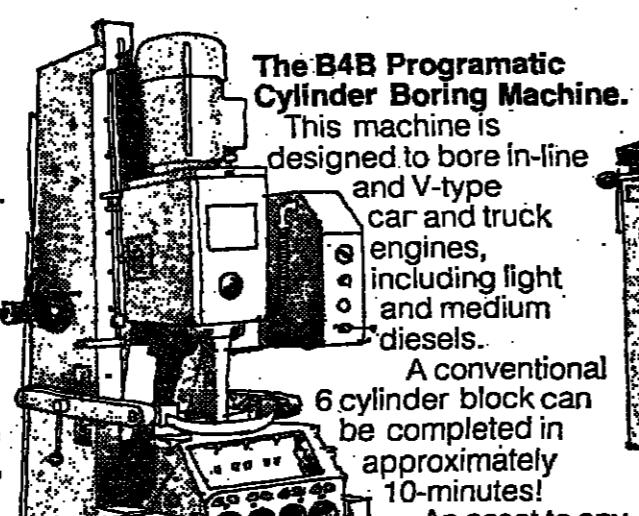


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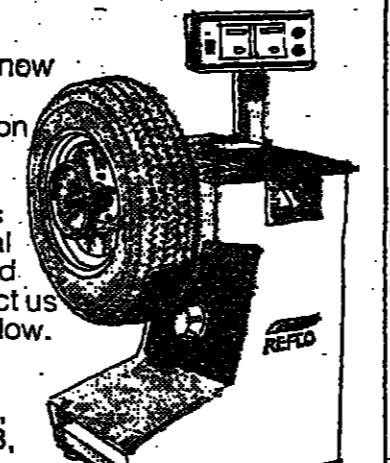
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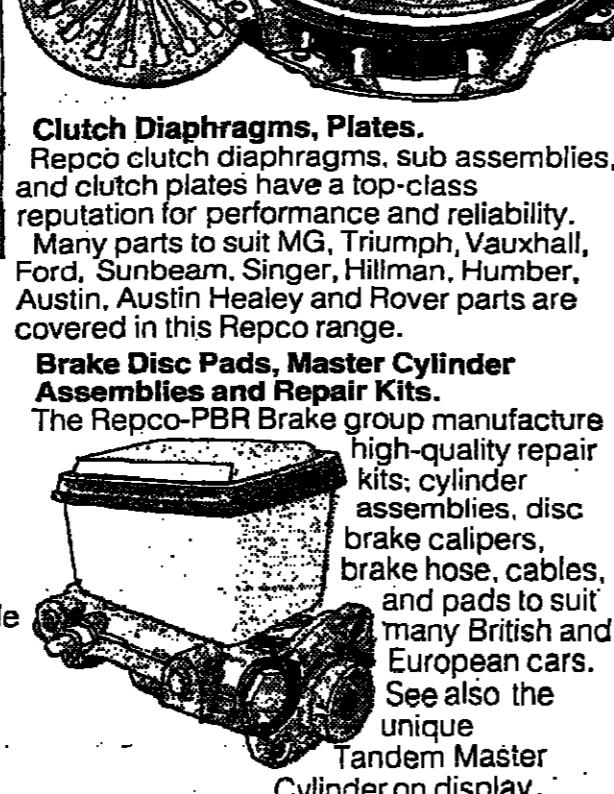
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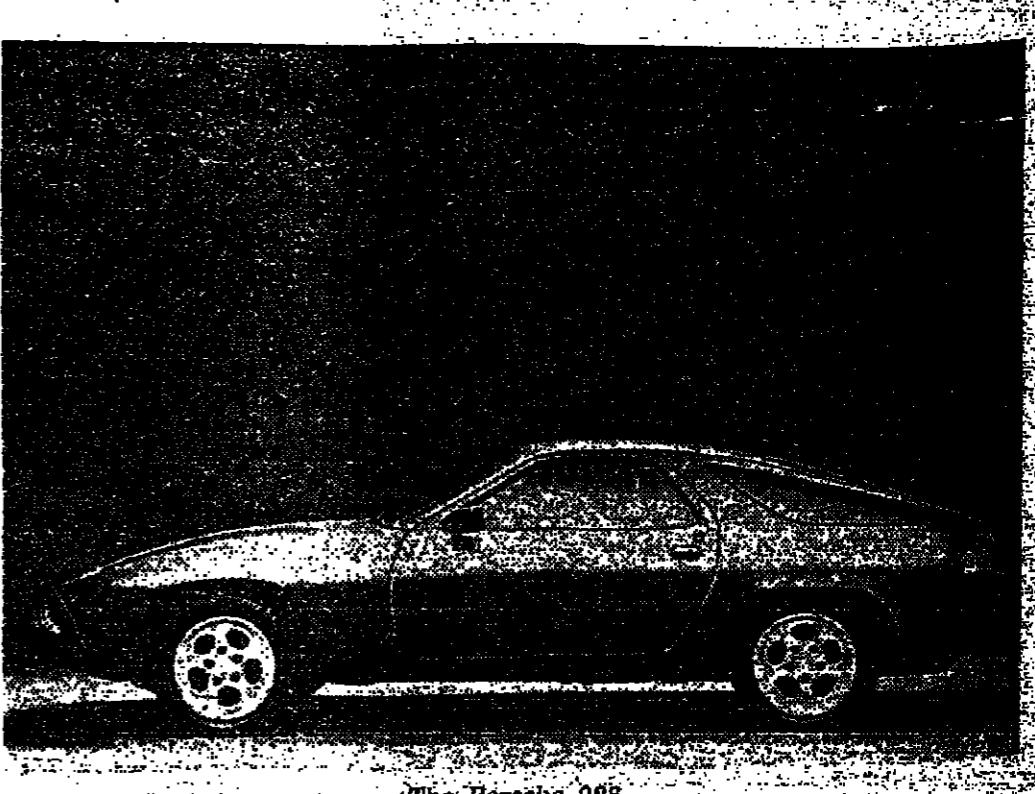
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The Porsche 928

## EUROPEAN MOTOR INDUSTRY VII

The next section examines the different market sectors and discusses the new models that have been introduced recently. Manufacturers are now adopting a policy of attempting to offer to their customers a complete range of models.

# New approach to model policy

ONE OF the most striking parts except for a few body panels in the development of its cars under the bonnet—it is unable to achieve more family saloon market smaller

model policy among the European car companies during the past few years has been the appeal to a fairly select executive to enter into models. At the same time, they are now faced with the need to offer customers a complete range. This is a relatively recent change. Twenty years ago many European car companies made only one basic model. In the mid-1960s, for example, Peugeot's success was based simply on the 203 model; and even more recently, when Volkswagen had little more than the Beetle to offer, Citroen was existing on a bizarre combination of its compact 2CV range and its large luxury DS Series. Today, every European producer of note tries to span the three basic zones of small, medium and large cars.

This strategy is based on the need to achieve large-scale manufacturing both to reduce costs and maintain more effective distribution. On the cost side, a wide range of cars means that many components can be produced in larger runs (and therefore more cheaply) because they can be used in more than one model; on the distribution side, a variety of vehicles gives dealers the opportunity to create larger and more viable businesses.

To achieve these aims, two distinct policies have been developed and refined by European manufacturers in the past ten years. The first approach, popularised by Ford, has been one of ruthless rationalisation. Although the company has recently expanded its coverage of the market by adding the small Fiesta model at the bottom of its range, it still has only four basic models (the Fiesta, Escort, Cortina, and Granada) throughout Europe. Intrinsic to this approach to model policy must be more expensive than Ford's. But it is not necessarily as reasonable performance. The model, which has proved expensive as it looks, Renault, the company, uses mostly Cortina great deal of rationalisation in

uses a range of five engines economic production runs or to because of the need to achieve better fuel economy results in the important U.S. market.

Thus, at present, there is a clear move towards the convergence of the specialist and volume car manufacturers in Europe. Some analysts argue that this will ultimately lead to more mergers and industrial rationalisation, rather than the way that General Motors absorbed Cadillac, the U.S. specialist manufacturer, in the 1920s. To a certain degree, this has already happened with the takeover of Rover and

Lancia by Fiat in Italy, and of Audi by Volkswagen. The argument against this trend is that such amalgamations are intrinsically difficult to manage. BL has gone bankrupt in the process, Lancia has lost £15m since it was taken over in the late 1960s, and VW also went through a difficult patch in 1974-75. But if European car companies continue to pursue the principle of comprehensive model ranges—and all the pressures of the market are in that direction—it is difficult to escape the logic of further amalgamations.

Country	PERCENTAGE OF TOTAL CAR SALES IN 1977		
	Small cars	Medium cars	Large cars
Britain	16	50	35
W. Germany	15	46	39
Austria	16	56	28
Belux	21	49	30
Finland	18	64	18
Denmark	25	59	16
France	35	43	18
Ireland	19	69	12
Italy	52*	33*	15*
Netherlands	19	61	20
Norway	10	51	39
Portugal	45	48	1
Spain	47	47	6
Sweden	8	43	49
Switzerland	17	50	33
All W. Europe	21	47	26

T.D.

\*Denotes nine months actual sales, final quarter estimated.

## The medium range

ALTHOUGH AS might have been expected, sales of small cars did well after the oil crisis, the major long-term impact seems to have been on the West Europe. It took 4.1 per cent of total sales of cars in the market and not necessarily abandoning its established vehicles. The result is last year represented 47 per cent of the 9.85m cars registered in West Europe.

In some countries the medium-sized car was well ahead of the rest of the field. Opel Ascona (or Vauxhall Cavalier) in Britain, for example, is in its British form 2.8 per cent and the Ford Escort with

different market leader was well ahead of the rest of the field. The Fiat 128 had 7.4 per cent of total sales and its nearest rival, the Fiat 131, had 4.1 per cent. One company also dominated the competition in West Germany. The Volkswagen Golf had 8.3 per cent of total sales and the Passat 6.2 per cent, both above the Opel Ascona's 5.9 per cent.

In European terms, in 1977 the other popular medium-sized cars included the Volkswagen Golf, 3.7 per cent of sales; the Opel Kadett, 3 per cent; the Ford Escort with 2.3 per cent.

### Lead

Elsewhere in the major car-buying West European countries, the Taunus was Belgium's best-selling medium car with 3.6 per cent of total sales with the Toyota Corolla taking 2.9 per cent in second spot. The Citroen GS held the lead in France in 1978 with 5.5 per cent of indigenous European car manufacturers rely heavily on their sales ahead of the Simca 1307/8 factors with 4.7 per cent. How long home market to keep up their lead in sales. In particular Fiat had 55 per cent of its home market at

Horizon from Chrysler and the rest of French sales. Only in cars in Belgium half way through the year, Renault R18 introduced only in Spain, where both have been through this year. And in the Netherlands there were two very popular. The Horizon, do they get anything like Japanese models among the top 10 medium cars, the Mazda 818 having 3.5 per cent of the market and the Datsun Sunny 2.1 per cent.

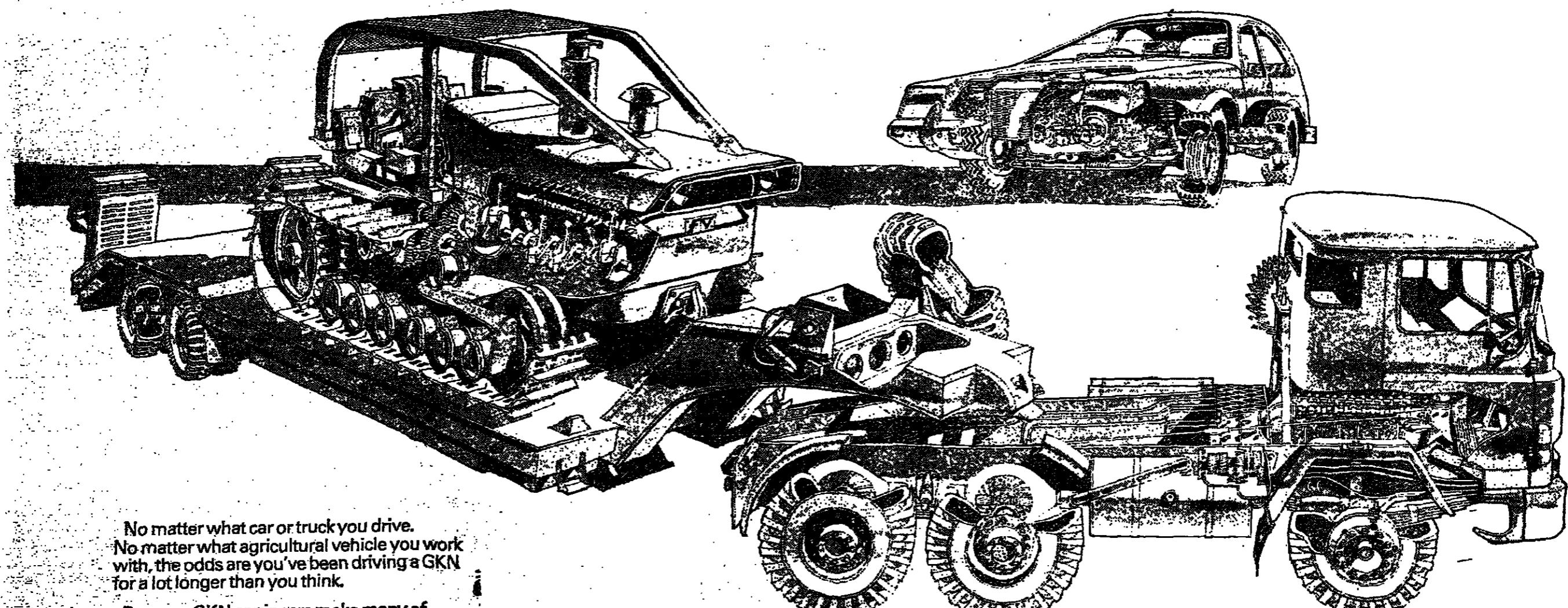
As might be expected, there market in the month of June, started the year badly and had in the Netherlands by mid-year 22.6 per cent of the UK 1978 the Opel Kadett had taken market half-way through 1978 6.7 per cent of sales with Ford's Taunus at 5.6 per cent. In its market share anywhere else Government-controlled Spanish in West Europe. Only in market, the Seat 131 had 8.3 per cent, Portugal, where it took 9.5 per cent in the first six months in France and will do well in the UK now it has been launched) and the Renault R18, the Peugeot 304 and the Fiat Ritme entered the field in 1978. And

is an almost constant trickle of new contenders in the medium part of the market. Apart from Horizon from Chrysler this year it sold more than 100,000 units in the first six months in France and will do well in the UK now it has been launched) and the Renault R18, the Peugeot 304 and the Fiat Ritme entered the field in 1978. And

Volvo's chances of making better inroads into the medium sector should have improved now there is a 343 which has a manual gearbox as well as the Variomatic automatic change carried on from the old Daf days.

Kenneth Gooding

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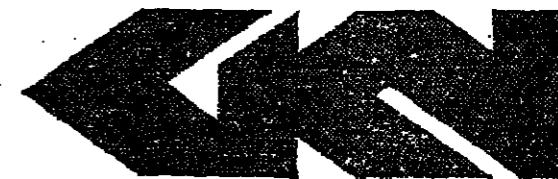
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## Estate cars broaden their appeal

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ONE CAN either view it as a bricks, sand and cement and so revolt against increasing on standardisation which makes so many cars look alike, or more and more people seeking a vehicle that will perform a number of jobs and because of its individuality will be fun to drive. However, one views it, there can be no doubt of the growing interest in off-the-road machines. This is not especially because they will spend a lot of their time driving along forest tracks, across fields or up mountains, but because they fit better into a society that is increasingly being labelled DIY.

The estate car, with its bigger load-carrying capacity took time to broaden its appeal with motorists partly because the country's ratio of car-owners was relatively small and the two-car family was just beginning to emerge, and partly because estate cars were not widely available. It was also easier to find artisans and others to come and take away the tree loppings, to bring the

ONE CAN either view it as a bricks, sand and cement and so revolt against increasing on standardisation which makes so many cars look alike, or more and more people seeking a vehicle that will perform a like taking the furniture home from an auction.

The gap between a full-blown estate car and a family saloon has been nearly bridged by the hatchback, but it still leaves many people looking for something that will tow the caravan across muddy sites or the boat over the seashore. An off-the-road or rough terrain vehicle which at one end of the scale will double as a family runabout and at the other cope with rugged farm and cross country conditions, or he just the job for a one-man bricklayer's or carpenter's business is answering a lot of different requirements.

Unhappily a good many of these vehicles are imports, perhaps because of the dominating influence of the Land-Rover or in the saloon-type class, from Eastern Europe, like the Range Rover. Both models are Lada Niva, a short wheel-base top of their class and their per-

formance is unexcelled. The Land-Rover is as much at home in the arid Middle East or swamps of South America as the Range Rover is standing outside the office or towing the differential lock which can be engaged on the move. The change from high to low ratio can also be done on the move with some gear crunching, and is best done at rest. An output of 50,000 a year by 1980 is planned. The Subaru from Japan is an interesting example of a two or four-wheel drive estate in which four wheel drive can be engaged on the move, and is partnered by a pick-up.

The power unit for the models is a horizontally opposed four cylinder, 1600 cc water cooled aluminium alloy engine driving the front wheels. It runs on two star petrol. Another newcomer is the Portuguese version of the Rumanian designed ARO. The Portaro, which has a Daihatsu 2.5 litre petrol or diesel engine, included in several European components are Girling brakes. It has been seen only by the trade, but the intention is to import 1,250 next year.

Flanking the Land-Rover on either side are the Yak Yeoman, a utility vehicle based on the 1300 cc Ford Escort van from Manchester Garages (Motor Craft), and the Stonefield Vehicles duo from Scotland with carrying capacities of 1½ to 3½ tons. In their very different ways they complement the Rover range rather than compete with it. Significantly both are receiving official financial support, with the Scottish Development Agency having taken a 75 per cent stake in Stonefield, whose chairman is former Rover managing director, Mr. Bernard Jackman. The Yak Yeoman is still in the pre-production stage, with 50 vehicles expected by the end of the year, of which 40 will have left hand drive. This indicates the markets at which it is aimed, primarily the developing countries where repair and servicing facilities are fairly rudimentary.

By linking with Ford the vehicle is assured of world outlets and service back-up facilities. The 1300 cc power unit

comes complete with carburetor plan, belts, dynamos and

other components. The rear axles are being modified to incorporate the Suredrive differential locking device designed by Mr. Bob Stoddley, Manchester Garages chairman. This is an indexing device in common use in plant and machinery. On a corner it allows the outer wheel to free-wheel, and power to both wheels is restored when they are again rotating at the same speed. When one wheel spins on muddy ground power is transferred to the other until both are turning at the same speed again.

This indexing, or ratcheting occurs up to five times a second. The vehicle is also fitted with a winch, so that it can pull itself out of trouble. A strong feature of the design is its simplicity. The chassis is in seven parts in tubular section with the idea that any reasonably competent amateur mechanic can take it apart or put it together. The six body panels are in T1's new lightweight alloy Supral, and the wing pressing fits any corner of the vehicle, while the dash panel accommodates both left and right hand drive. The original gearbox fitted with the Suredrive weighed 148 lb, but this has been redesigned by Fairley Winches and now is down to 38 lb. The vehicle weighs about 16½ cwt and should sell for around £3,000. A 1600 cc version called the Yak Yarri, man, is in prospect for the Australian market. Yarrimarr, an aborigine for a willing horse.

Like the Yak, the two Stonefield vehicles borrow major components from vehicle manufacturers with worldwide networks. The power units are standard Ford 3-litre or Chrysler 5-litre engines with automatic gearboxes allied to Ferguson Formula units made by Borg Warner that deliver one third power to the front wheels and two-thirds to the back. A self-energising clutch automatically locks to prevent wheel spin. The vehicles are, as will be appreciated from this brief description, of robust construction for civilian or military duties.

By linking with Ford the vehicle is assured of world outlets and service back-up facilities. The 1300 cc power unit

comes complete with carburetor plan, belts, dynamos and



The VW Polo GLS, new for the 1979 model range

with a 1600 cc engine driving all four wheels and linking vehicles they are linked more closely with leisure pursuits rather like an early Land Rover, which save fuel (and reduce noise) are lockable to provide extra traction. At about £4,000 Rover is likely to feel the impact more.

The variety and numbers in which these imports are coming illustrates vividly the rapidity with which the market is developing in volume and range. While some of them are the Toyota Landcruiser, which though withdrawn from the UK is popular in the Middle East and other markets, and Rovers, it is sometimes more the Nissan Patrol, like a small apparent than real. The Land-Rover has been around for 30 years and the Range Rover for nearly 10. They cover fairly well-defined sectors of a very difficult market to get into.

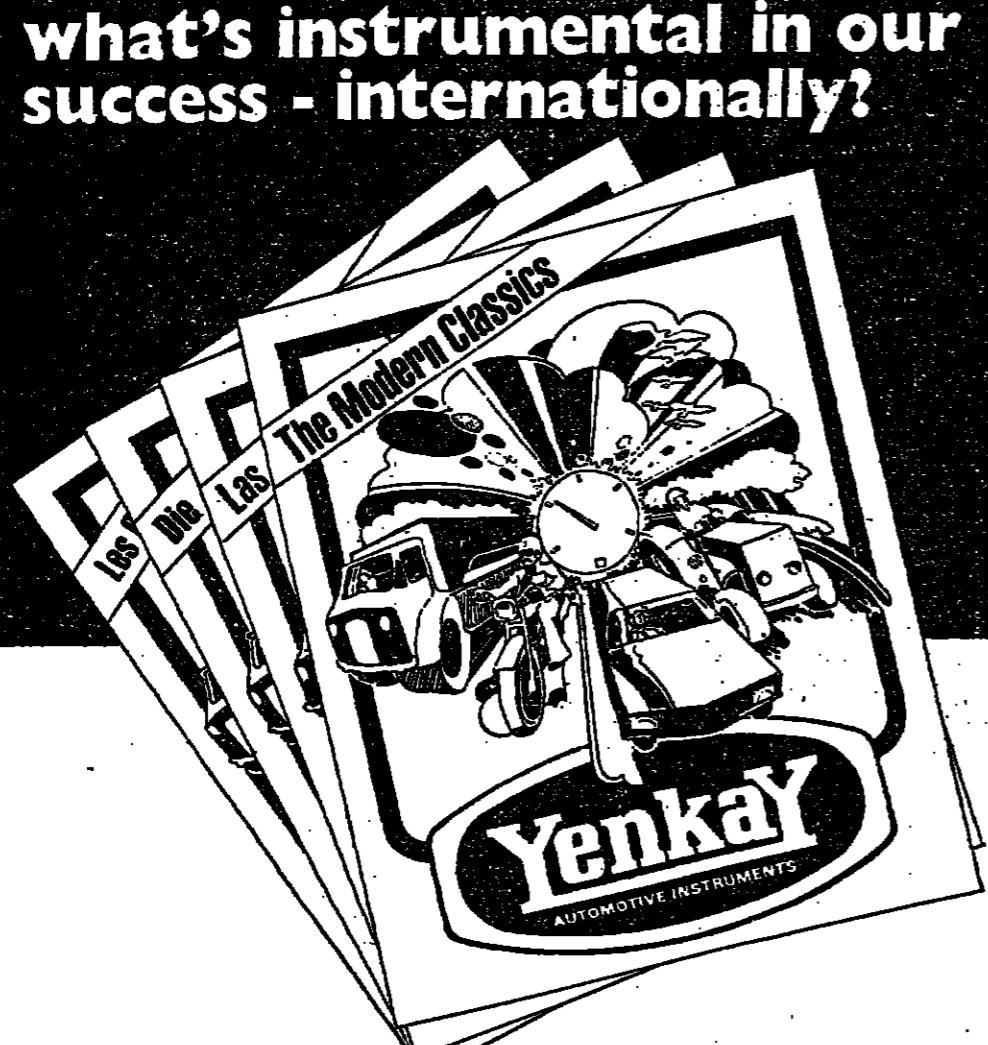
Rover's strength can perhaps be illustrated by the reminder that it is one of the very few, if not the only company to have shaken off a Japanese challenge (from the Landcruiser) and to have come back even stronger, not least because Rover has been chosen as the better vehicle.

All the same, production of 45,000-50,000 Land-Rovers and around 10,000 Range Rovers a year has been static in a market that has been growing by about 5 per cent annually and now looks to be accelerating. At long last the first phase, costing £30m, in an overall £220m programme to modernise and expand output has been started. This is designed to increase Range Rover production by 50 per cent and Land-Rover by 10 per cent. By the time the project has been completed production will have been doubled, to 100,000 units or more annually, with updated and more sophisticated vehicles that nevertheless will retain their basic concepts. No one is going to take Rover's 65 per cent of the market away from us. The market is in the home market away without a fight. We have to keep on our toes to protect the sectors of the market we are in. In the future," says Mr. Mike Hodkinson, Rover's managing director. "We are not thinking of branching into new sectors. That will be down to people like Mercedes Garages and Stonefield Vehicles.

Peter Cartwright



Chrysler's Matra Rancho—the French call it a "car for all roads"



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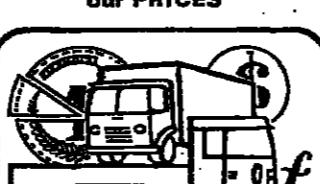
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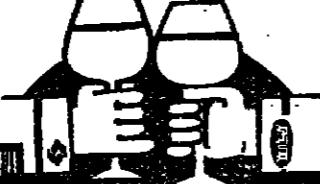
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## Americans attack the top

## end of the market

THE BRITISH will get their first chance to see General Motors' contenders in the up-market car sector at the International Motor Show in Birmingham. On view will be the Opel Senator and Monza, together with their UK equivalent, the Vauxhall Royale. The Vauxhall Carlton, really an Opel Rekord under the skin, will also be launched. These are the cars with which GM is to make a determined push into the market for "plush" cars—plush that is in terms of size and interior trim.

GM says boldly that the Senator-Royale models can take on Mercedes, BMW and Jaguar, a claim which clearly must be taken with a large pinch of salt but which neatly illustrates GM's approach. Ford, GM's major rival in world terms, took the lead in this particular marketing ploy. The Granada has been on the market long enough to warrant a new version, launched in Frankfurt in September.

The American groups simply could not ignore a sector of the European market which represents not only about 25 per cent of total sales (actually 26 per cent in 1977 or 1978 units) but is also the most profitable end of the business.

**Responded**  
They now also have "executive" cars worthy of the name to offer the fleet buyer who prefers to purchase all his vehicles from one manufacturer. Ford's chairman Sir Terry Beckett frequently reminds us that "Ford can supply everything a company wants from an Escort for the junior sales rep, right through to a Granada Ghia for the chief executive."

The American companies have responded to the marketing strategies of the indigenous European producers in the last ten years. During this decade Volkswagen, Fiat and BL all acquired specialist producers which have been added to the

top of their ranges to give them a very broad coverage of the market.

The French trio (later to become a duo) Renault, Peugeot and Citroën followed the principles of this marketing philosophy by developing their own executive cars. The result is that Europe has a large number of companies offering quite similar product ranges and all attracting reasonable slices of the executive car market.

In 1977, for example, Mercedes' models accounted for 3 per cent of total Western European car sales, at around 295,800 units sold. The Peugeot 504 range had a 2 per cent share with around 197,200; Opel's Rekord had 1.8 per cent of 187,300; Ford's Granada 1.8 per cent of 177,500 and the Audi 100 had 1.6 per cent, about 158,000 cars sold.

Of course, demand for larger cars is stronger in some markets than in others. It is almost possible to plot a chart of those countries with Europe's highest standards of living simply by referring to the sales of big cars.

The share of the available market taken by large cars in 1977 was particularly high in West Germany (39 per cent), Norway (38 per cent), Sweden (49 per cent) and Switzerland (33 per cent). And last year provided a fairly typical demand pattern in all these countries. There is one particular anomaly, Denmark's low percentage of large cars sold—16 per cent—reflects a system which taxes cars by size and grows progressively steeper at the top end of the scale. The French performance in this sector, too, shows some impact of taxes which rise very sharply on cars over the 2 litre mark.

It is interesting, in passing to see how the individual models were placed in the major markets halfway through 1978.

In Britain the Granada topped the list with 2.5 per cent of total sales (not just those in the big car sector), closely followed

by the Austin Morris Princess (2.4 per cent) and the Rover (all engine sizes) 1.9 per cent.

Volkswagen has settled into the 504's brother, the Peugeot 604, is certainly one of the most interesting of the new entries. Marque responsibility for its to the executive market in big, quality cars. Production of recent years and appeals to the new 100 model is showing a conservation of many buyers in this sector. But, unlike the two-year-old Audi 100, the other big French executive cars, been enlarged and redesigned the Citroën CX and the Renault 30, to considerable effect.

In Italy Fiat has made much in a separate organisation, aiming for 285,000.

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It is a pity that the various problems and constraints which luxurious cars, in the VW and Rover in the UK has not allowed the car to test its full potential in Europe. There is no doubt it appeals to the Continental market because it is the new Gama at the top followed a "Car of the Year" award with a major Italian styling prize.

The Peugeot 504 was also the most popular big car in France with a 5 per cent market share half-way through 1978. Citroën CX, 3.5 per cent; Renault R20/R30 series, 3.5 per cent; and the Mercedes 300 series 3.3 per cent and the BMW 500s had 1.6 per cent. Volvo's 1.5 per cent.

With a 3.2 per cent total market share, the Peugeot 504 was top of the big car list in the Netherlands, too. There was a big gap before the Opel Rekord came into the reckoning with 2.6 per cent; the BMW 300s had 1.5 per cent; and the Granada 1.1 per cent.

Publication of statistics in Italy is always well behind the rest of Western Europe. But it is possible to estimate that in 1977 the Alfa Romeo Alfetta was Italy's favourite executive car with 2.7 per cent of the market, followed by the Lancia Beta, 2.1 per cent, the Fiat 132, 1.7 per cent and the Rekord with 1.1 per cent.

In spite of continuous chat about over-capacity in the big car sector, BL is not the only company to have become involved in considerable capital expenditure recently.

Mercedes, with a current manufacturing potential of about 370,000 units a year (and a 40-month waiting list in Germany itself) is expanding by launching a new range of estate cars which will increase annual output to around 430,000. Elsewhere in Germany, BMW has remodelled the whole of its

## Output

Volvo's potential output of big cars is 250,000 a year. Its Swedish neighbour Saab has been losing money on its business and has cut back production to about 100,000 annually.

This leaves Ford and General Motors to be dealt with. GM has transferred all production of the Granada to Cologne in Germany and output is up to about 300,000 annually. Output of Opel's Rekord is aiming at about 180,000 a year, with the new Senator and Monza (together with their UK equivalents) having a planned production of around 30,000 next year.

The combined capacity of these producers is close to the present level of demand. It is possible to pose no immediate problem of over-production in terms of... But there is going to be much jockeying for position in the next few years. And if the two American giants do succeed in pushing their shares of the big car segment, that could well be the very difficult for some of the smaller companies.

## EUROPEAN MOTOR INDUSTRY IX

## Sports cars retain their share

THE WEST European market Porsche range. West European appeal for traditional sports cars of the type represented, say, by BL's Spitfire or the Matra-Simca Bagheera is relatively small, representing only 0.3 per cent of total car sales of around 25,000 units a year.

However, there are many motorists who hanker after a sporty image yet have to compromise and settle for something more practical than a small two-seater. Sales of coupe versions of volume saloon cars which meet this demand are 28,000 or 0.4 per cent of the market. In 1975 they slumped to a low point of 18,000 units annually and roughly 3.5 per cent of total sales. Last year and in 1976, however, in this sector of the market such cars are the Opel Manta and the Ford Capri.

Then there is the luxury end 0.3 per cent of total sales in the world of the sports car market, the 1977.

## Traditional

To deal with traditional sports cars first, demand has been remarkably steady—although noticeably affected by the oil crisis. In 1973, for example, sales throughout West Europe

in some countries than commanded more than 15,000 preparations for its re-launch version of the X1/9 first in and SLC ranges accounted for happens to be in this business. Britain has consistently sold. In this context it is were made.

It is easy to understand why BL is relatively speaking—market for determined to get the TR7 right for the American market.

With the vast majority of sales made on the West Coast, convertibles are in great demand.

At first BL felt that the stringent legislation in the United States prevented a soft-top

version of the TR7 being made available. Now it is sure it has solved the problem and a convertible TR7 with other modifications will soon be on sale in the U.S.

In West Europe, the BL range is spearheaded by the Spitfire which is widely available throughout the territory. The 2800 sold around 60,000 units in the U.S. last year while BL notched up 50,000 units in Continental European markets. MGs and TR7s and the Midgets and last year there was soft and Spitfires between them pedalling on the TR7 while

Britain before it goes on sale in 20.5 per cent of West European. In 1973 the Manta had 20.5 per cent of the total West European sales. The earlier version of the car the BMW coupes and 600 series 1974 it was 12.5 per cent, 1975 it was 19.5 per cent, 1976

it was 19.5 per cent, 1977 it was 28.5 per cent and saw it up to 34.5 per cent and

more than 3,500 were registered for other contenders. BL's prizes for guessing in which

Continental market as well as facelift.

the U.S. but sold only 500 units. Once again reflecting the West

Europe last year. The same German liking for sporty cars—affected the luxury sports cars group's Triumph Stag is being phased out as are the Citroen

in volume. The Spitfire is doing exceptionally well in West Germany in spite of BL's traditional weakness in the car retail business there.

Jaguar XJS is aimed at the years the model was given a

factory in Turin.

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SM and Alfa Romeo's Montreal. are suitable roads and lack of

sales in West Europe.

The Volvo 1800 ES is still a speed limit which make such

motoring a joy for the enthusiast—Opel's nearest rival in this sector is the Volkswagen

Sirocco with 18.5 per cent of sales in West Europe.

Ford's Capri, also a German-made car, has a respectable

10.5 per cent, the Renault

R15/17 range 8.5 per cent, and the Fiat 128 and 124 coupes over

8 per cent between them. Italy

is also well-represented by the Lancia Beta coupe and HPE,

and the Alfa Romeo coupes, Alfetta GT and GTE, and Sprint.

This is a sector which

interests the Japanese because

of its size. Mazda's 121 RX5 and the Mitsubishi Colt Celeste

are in the field but the greatest

success has been the three-door

Honda Accord with a 6.5 per cent market share (although

some would argue about

whether the Accord deserves a

listing in this sector), and the

Toyota Celica range had a 5.7 per cent share last year.

Kenneth Gooding

## Small car battles

FIVE OUT of the top 10 best-selling cars in Western Europe manufacturers one by one have been small cars. The followed BL into the mini most popular was the Renault sector. The Fiat 127 was 14/5/0 range which took 5.9 followed by the Renault 5 per cent of total car sales last year. The Fiat/Seat 127 was 104 (which is now providing the second place with a 4.6 per cent chassis and drive train for the share of the European market. Ford's Fiesta took 3.2 per cent Fiesta.

Of course the oil crisis had something to do with all this. But that was not the complete story. The makers were also eyeing the development of markets in southern Europe where the people are less affluent and are natural customers for smaller vehicles.

On the marketing front too, the concept that each manufacturer should offer a logical range of products, from the small, inexpensive to the large, expensive, gained ground in the same way that it has in the U.S. for many years.

## Mergers

Mergers in the European industry cut down the numbers of independent specialist manufacturers and allowed rationalised model ranges to emerge from the remaining groups.

Another important factor in the rise of the small cars has been the technological advance in component manufacture and vehicle assembly processes. Stronger and lighter materials, greater precision in engineering and longer life components make it easier to design more reliable cars. And production engineers who used to complain that it was difficult to put together front-wheel-drive cars have simplified the assembly process.

Front-wheel drive is a natural in small cars. The front-wheel-drive, transverse engine formula produces the best possible space behind the engine. The hatchback configuration gives the most acceptable luggage space at the back and the best aerodynamic shape. Most designers and stylists have settled for these solutions—although, notably, the Renault 5 still uses an in-line engine unit.

In larger models the argument for front wheel drive is not so clear cut since the bigger transversely-mounted engines needed to pull them along require a wider wheel-base, and increased drag by presenting a broader front end. In any case, wider models need some sort of shape like a transmission tunnel down the middle to keep them stiff.

There is also great appeal for the fleet operator in the traditional set-up of a longitudinal engine in the front driving the rear wheels via a prop shaft down the centre of the car. The major mechanical parts in this system can be readily removed and repaired—ideal for high-mileage, hard-used cars.

Last year 27 per cent of the 9.86 cars registered in West Europe were in the "small" category and certainly the Southern Europeans helped keep up the average. In Italy 52 per cent of the car market was accounted for by small ones; in Spain it was 47 per cent; in Portugal 45 per cent and in France (partly Southern European) 35 per cent.

This is also a sector which was susceptible to attack by the Japanese. The Datsun Cherry F11, for example, had 1.8 per cent of the UK total car market by mid 1978; in Belgium the same car was the small car market leader with 2.6 per cent of total car sales while the Datsun Cherry had 1.4 per cent. The Civic also topped the list in the Netherlands mid-way through this year with 2.5 per cent of total sales, pushing the Fiat 127 into second place, the Fiesta into third and the Mini down to seventh in the list.

In spite of this Japanese onslaught and in spite of the competition in the sector, companies are now making profits from their small cars. This apparently arises from a combination of circumstances. Com-



## Some people are never satisfied.

Porsche, for instance.

They couldn't simply be content with creating the most enduring and beloved sports car the world has ever known. The Porsche 911.

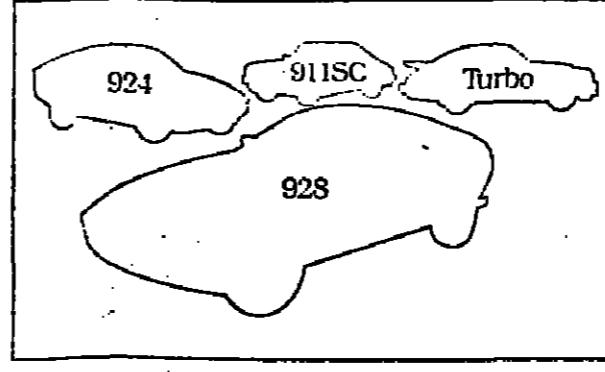
They had to keep on improving it. Refining its power, flexibility, reliability and roadholding. And adding even more luxury.

Did that satisfy them? Hardly. Because their attention next turned to the incredible potential of turbocharging.

And so was born the Porsche Turbo, the ultimate performance roadcar. A car which has drained motoring

journalists dry of superlatives. Now were Porsche satisfied?

Not yet. The designers, engineers and technicians of Porsche's research centre at Weissach were, in fact, already busy with Projects 928 and 924.



Two very different versions of the Porsche ideal. Front mounted, water cooled engines and sleek, new shapes.

First off the mark was the 2 litre 924 bringing Porsche motoring within reach of many more people.

Next came the car voted Car of the Year 1978, the 4.5 litre 928 V-8 luxury sports coupé. Said to be the car by which others will be judged for the next decade.

924, 911SC, 928, Turbo. Whichever you choose, Porsche believe you'll be well satisfied.

As for Porsche themselves: they will never be satisfied.

Porsche Cars Great Britain Limited, Bicknell Avenue, Reading, RG1 6PE. Telephone: 0734 551541. For Tours: KATO. Diplomatic and Personal Export Enquiries Telephone: 01-509 1613. The present Purchasing list includes the 924 2-door and 2-seater, 911SC and 911SC Sports Coupé and 3-door— from £11,450; the 911 2-door, 2.7, 2.9, 3.0, 3.2, 3.3, 3.6 and the Turbo at £23,000. Prices shown are correct at time of going to press and include car tax, VAT and delivery and insurance are extra. For further information and details of leasing facilities available contact your nearest official Porsche centre.

Scotia East: ALEX Ltd, Isleworth, Tel: 01-560 1011; ALEX Ltd, Cuffield, Tel: 0446 38448; Charles F. Frater Ltd, Alfreton, Tel: 01-829 62262; Malaya Garage (Bilthousham) Ltd, Billingshurst, Tel: 0403 91094. Mattox Car Concessions Ltd, Hemel Hempstead, Tel: 0344 24952; Mattox (South) Ltd, Hemel Hempstead, Tel: 0344 24952; Mattox (West) Ltd, Hemel Hempstead, Tel: 0344 24952; Mattox (North) Ltd, Hemel Hempstead, Tel: 0344 24952; Mattox (Midlands) Ltd, Birmingham, Tel: 021 251 2270; Gordon Lamb Ltd, Chelmsford, Tel: 024 451011; East Anglia and Essex Lammas Garage, Colchester, Tel: 0206 401141; North West: Ian Anthony Sales (Kingsford) Ltd, Tel: 0565 52772; North East: J.T. 800 Ltd, Tyne & Wear, Tel: 0522 302231; North Park and Parker Ltd, Kendal Tel: 0584 23331; Gordon Ramsay Ltd, Newcastle upon Tyne, Tel: 0632 812224; Ian Anthony Ltd, Edinburgh, Tel: 031 225 3226; Northern Ireland: Ian Anthony Ltd, Belfast, Tel: 0232 663321; Channel Islands: Jersey Garage, Jersey, Tel: 0504 26106.

## EUROPEAN MOTOR INDUSTRY X

The next four articles examine the main areas of technical development. Manufacturers are striving to produce more economical vehicles and they are also having to cope with moves to make the emission regulations tougher.

# Ways to cut fuel consumption

THE REQUIREMENT to display a figure that has to be met is on windscreens of new cars, and in advertisements fuel consumption figures for a set of standard tests—an urban cycle, 56 mph and 75 mph—introduces a form of standardisation that some motor industry sources believe will lead to mandatory legislation on fuel consumption. This is already the case in the U.S., where car makers have to improve the fuel consumption of their vehicles by an extra 2 mpg a year in five stages to 1985.

In view of the traumatic period through which the U.S. industry is passing, the prospect of facing parallel legislation is enough to strike despair into some British manufacturers. The Economic Commission for Europe, in choosing two speeds (the urban drive cycle is fundamentally allied to emission control) is being more realistic. Indeed, in the UK there is limited exemption for small, specialist manufacturers like Aston Martin. There seems to be no fear, therefore, of ECE legislating at a rate that would damage the industry by imposing too harsh standards. In designing cars with very good power to weight characteristics Europe is far ahead of the U.S. It is also worth noting that while at first glance the transatlantic requirements seem extremely strict, the consump-

tion figure that has to be met is a calculated average of cars sold in each category, or model range, based on a previous sales figure.

comes to the worst, and it may well do along the line, the multi-nationals like General Motors (Vauxhall here, Opel in Germany), or Ford could meet their commitments by importing smaller European cars with low fuel consumptions.

This is not to suggest that U.S. producers are taking easy options: rather to state the technical hurdles they face. An immense effort in money, men and resources is being poured into searching for lighter weight materials to improve power to weight ratios and there is no shadow of doubt that the results will be of immense value to the European industry in still further stretching limited fossil fuels. The question is what premium will the customer be prepared to pay? And how can fuel consumption be improved if emission controls make it necessary to reduce engine efficiency? The 1979 emission requirement is already costing as much as \$1,000 in detoxing equipment.

Lightweight materials as alternatives to steel and iron are most unlikely to be as cheap. Moreover, a sudden change in technologies could have an unpleasant backlash on supply in-

dustry. The imposition at too quick a pace of highly desirable and no doubt necessary controls on foundry emissions is reported to have put 400 of them out of business.

## Anxiety

Events in the U.S. are therefore being closely watched here, not without some anxiety, but also with a good deal of expectation that some of the new technologies being developed will find their way across the sea. Certainly the scale and intensity of American research and development are exciting, even somewhat awe inspiring. One of the new materials, borrowed from the spaceship programme, is carbon fibre (CF), a resin-based reinforced plastic material with great potential as a weight saver. Finding out how and where it could be used on a car is expensive. Ford has spent \$2m on an all-carbon fibre car which it is using as an engineering tool and mobile laboratory. The 1979 model Ford six-seater saloon weighs around 3,750 pounds. Although this is more than 750 pounds lighter than the 1978 model, a carbon fibre version weighs only 2,500, a saving of 30 per cent, which indicates something of the scale of possible savings. This experimental car is being used to

assimilate knowledge and study manufacturing feasibility.

Examples of potential savings are a bonnet lid in c/f is 15 lb against 40 lb in steel; a door is 12.6 lb (30.2 lb); a transmission support bracket in c/f is 0.5 lb (2.3 lb). Among the dead weight items carried for safety reasons are door guard beams to resist side swipes. A modern steel pressing reduces this to 4 lb, but a carbon fibre version weighs only 2.5 lb. There are many other examples where c/f shields, cover and brackets could be used. Widespread use of c/f could, however, lead to extra noise, vibration and general harshness which would call for extra sound deadening, and so on. There are also manufacturing problems. In a modern steel press it takes 10-15 seconds to stamp out a part. In carbon fibre it takes three minutes.

In the UK the BRD company, part of GKN, has snatched a world lead in the production of carbon fibre drive shafts, of which GKN is the chief supplier here. But while there are substantial weight savings, cost penalties tend to limit application to specialist vehicle producers. On the other hand if a c/f component can do the work of two steel components, as for instance in providing a single prop shaft instead of a divided one, then it comes competitive. Up to 60 per cent weight saving

can be achieved with a composite shaft using aluminium alloy yokes. Currently the more practical solution appears to lie in alloy shafts, which incur a much more acceptable 10-15 per cent cost penalty but are 40-45 per cent lighter than steel. This kind of equation is of great interest, not least to truck

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Another area in which Britain has taken a technical lead is in the new 10-20 glass from Triplex Safety Glass which enables one to fit 3 mm thick glass in the doors instead of a more usual 5 mm, or less common, 4 mm. The engineering possibilities of the new glass are to be seen at the Motor Show where the Austin Morris Princess with a glassback extension will be on view. This special model contains 50 per cent more glass area, extending the feeling of spaciousness. The Princess 2, which was the first car to switch to 10-20, also features a sunroof only 2.3 mm thick which is opened by flexing the glass.

Glass is also in wide use in glass reinforced plastics for bodies for the Lotus, Reliant Scimitar, and three- and four-wheelers. Plastics together with aluminium and high-speed steel remain the three leading materials for weight reduction. Improved compositions and turning engine into cars weighing two tons or more. Saving more detailed engineering that weight, and often size, plus

reduces the weight of a more critical designs, are lead to make them lighter without, given component, in whatever is, impairing efficiency. This also has the effect of material, are also combining to make vehicles lighter.

Aluminium is increasingly widely used in the engine compartment for overhead camshaft covers, sumps, clutch and gear housings, and for bumper parts, water pump, brackets, and other components. Recent years have seen a great extension in the use of plastics both for trim and as engineering parts. A far from exhaustive list would include seating, grilles, fascias, lamp parts, wiper parts, door handles, bumper parts, scuff plates, down to the licence holder. High speed steel, used more in America than in Europe, finds its way into such items as body reinforcements, engine and bumper mountings, seat belt anchors, suspension arms, seat frames, and several other applications.

## Comfort

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As a general rule the more

specialist operators, like those

undertaking trans-Continental

trunking, are willing to pay a

premium for improved load-carrying capacity.

Designers are constrained by a maximum gross weight set

either legally or by design

either 620 lb, with another 390 lb

being lost from the new rear

bogie. Aluminium is used in the front bumper, a saving of

44 lb, and for the fuel tank.

Some of this weight saving, how-

ever, only compensates for the

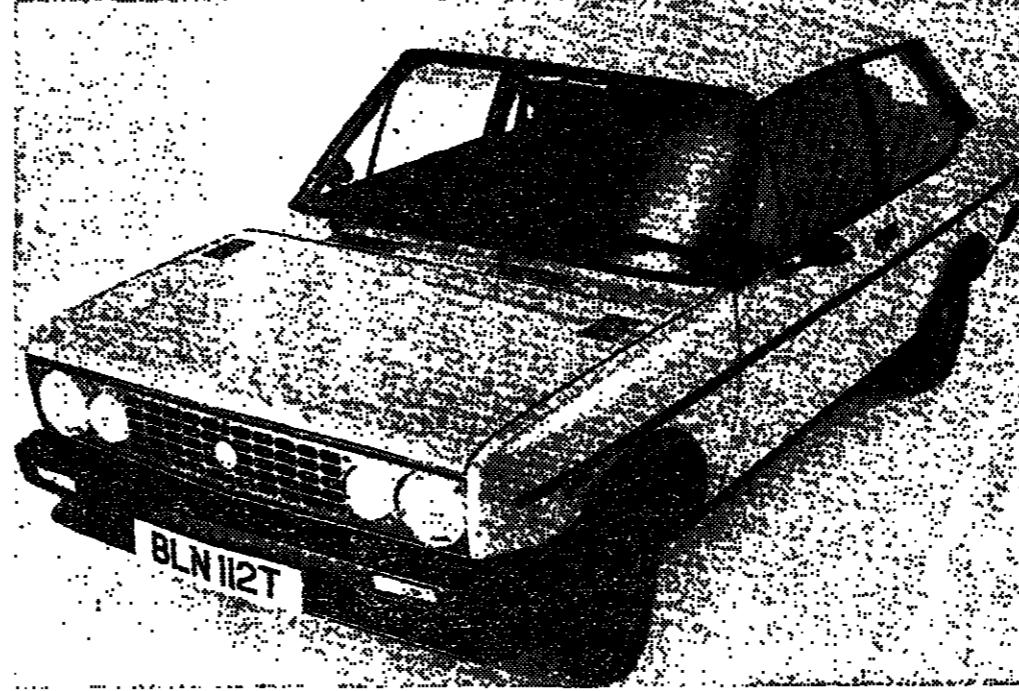
increased weight of bigger,

more comfortable and sophisti-

cated cabs of a kind drivers are

increasingly insisting on.

## More controls on pollution



New from Fiat, the Mirafiori Sport

POLLUTION HAS become so emotive that well-intentioned legislation, some of it arguably unnecessary, is reaching the stage where energy conservation is being reversed in order to meet increasingly severe controls. For instance, while one can accept without hesitation that lead is poisonous a universally acceptable system of measurement that enables one to determine at what degree of concentration it becomes a health hazard has still to be devised.

While a great deal of work is going on in this country, elsewhere in Europe, in America and other industrialised countries, convincing clinical evidence is still lacking as to the part vehicle emission plays.

A commonly agreed system of measurement is deemed necessary since chaos would result if regulations in various countries were based on different methods of measurement. Europe is trying for universal standards on exhaust emission, as it is on safety standards, although this does not prevent any country from introducing its own legislation. Germany did so, and it has cost millions of pounds and pushed up the price of petrol.

In 1976 Germany introduced legislation which brought the amount of lead in a litre of petrol legally allowable substantially below what was general elsewhere in Europe. When Ger-

many reduced it to 0.15 grammes per litre the generally accepted level was 0.5 grammes, since tightened to 0.4 grammes. It is believed that the UK and other governments will need to be convinced that below this level it constitutes a health hazard before contemplating fresh legislation, for the German experience is highly indicative.

Most people think of lead in petrol as the substance that gives it its anti-knock properties and that in some way the amount is related to the star system expressing octane value, with two star petrol containing less lead than four or five star. This is only partially true. Octane values are also determined by which of the three principal refining processes are being used, where the feedstock comes from, perhaps the Middle East or North Sea, and how the refining is biased. For example, there is an overlapping area where more naphtha is produced than octane, and that the amount is related to the star system expressing octane value, with two star petrol containing less lead than four or five star. This is only partially true. Octane values are also determined by which of the three principal refining processes are being used, where the feedstock comes from, perhaps the Middle East or North Sea, and how the refining is biased. For example, there is an overlapping area where more naphtha is produced than octane, and that the amount is related to the star system expressing octane value, with two star petrol containing less lead than four or five star.

Leaving aside America and Japan, which are special cases, the motor industry tends to work to the highest standards of emission control so that vehicles that conform to them will be acceptable in all other markets.

Where an engine is being modified, or a new engine being introduced, it is generally designed to meet the next highest level of controls still on the sidelines.

Emission control regulations are a comparatively new feature of life in the motor industry, and have involved individual companies in millions of pounds in establishing research and development facilities and test rigs for them to represent a big leap forward from the time of the previous legislation dealing with the emission of sparks, grits and other substances from steam trains.

In addition to lead, or rather oxides of nitrogen commonly referred to as NOx, the other pollutants are hydrocarbons, unburnt petrol, and carbon monoxide, the toxic gas resulting from incomplete combustion.

The first emanation of control was the sealed crankcase in 1971. The next, and current one, concerns only hydrocarbons and carbon monoxide, which was introduced there in a Common

Market directive that from 1981 they must not exceed 0.4 grammes of lead per litre of petrol, or be less than 0.15 grammes, the current German level.

Commercial vehicles are also subject to emission controls, but here they apply for the time being only to visible smoke.

Again it is interesting to see the empirical way in which the legislation is being built up.

What levels of visible smoke are acceptable? is rather like asking "What levels of exhaust pollution (which is invisible but none the less potent) are acceptable?" The relevant British

Standard was set after a long series of observer tests at the Motor Industry Research Association's establishment near Nuneaton. Various levels were agreed according to the ratio of acceptance. These are 25 per cent at the lower end, 50 per cent and 75 per cent at the higher end. The existing level is 30 per cent, although there is talk of moving up to the 75 per cent level. While the levels of permitted emission are arrived at subjectively, measurement is obtained by shining a light into a box of smoke and reading off what are called the Hartree units. These controls are supported by Common Market directives and regulations so that they move in step, and were early 1976 will introduce NOx emission levels for the first time observer findings in mathematical form, analysing them and comparing with the level of

emissions control units. The trouble is that while there are a number of different methods of measure-

ment, any two governments may have different standards, so that there is correlation between them.

European legislation does not include NOx, and there is no anticipation that it will move so far down the road as the Americans have taken, although research is going on in the UK on a collective basis between engine and injection equipment makers, vehicle producers and the Government. It is strongly argued that if the U.S. Environmental Protection Agency standards had to be met it would penalise the rest of world markets, since the engines in the first place would be bound to cost more. In any case, there is no clinical evidence that diesel engine emissions are harmful; it has just been tagged with an unpleasant reputation because it smoke emission. More information on diesel emissions will become available when the sophisticated research now going on into measuring fuel particles and air flow behaviour with the help of lasers is completed.

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Again it is interesting to see the empirical way in which the legislation is being built up.

What levels of visible smoke are acceptable? is rather like asking "What levels of exhaust pollution (which is invisible but none the less potent) are acceptable?" The relevant British

Standard was set after a long series of observer tests at the Motor Industry Research Association's establishment near Nuneaton. Various levels were agreed according to the ratio of acceptance. These are 25 per cent at the lower end, 50 per cent and 75 per cent at the higher end. The existing level is 30 per cent, although there is talk of moving up to the 75 per cent level. While the levels of permitted emission are arrived at subjectively, measurement is obtained by shining a light into a box of smoke and reading off what are called the Hartree units. These controls are supported by Common Market directives and regulations so that they move in step, and were early 1976 will introduce NOx emission levels for the first time observer findings in mathematical form, analysing them and comparing with the level of

emissions control units. The trouble is that while there are a number of different methods of measure-

ment, any two governments may have different standards, so that there is correlation between them.

European legislation does not include NOx, and there is no anticipation that it will move so far down the road as the Americans have taken, although research is going on in the UK on a collective basis between engine and injection equipment makers, vehicle producers and the Government. It is strongly argued that if the U.S. Environmental Protection Agency standards had to be met it would penalise the rest of world markets, since the engines in the first place would be bound to cost more. In any case, there is no clinical evidence that diesel engine emissions are harmful; it has just been tagged with an unpleasant reputation because it smoke emission. More information on diesel emissions will become available when the sophisticated research now going on into measuring fuel particles and air flow behaviour with the help of lasers is completed.

Commercial vehicles are also subject to emission controls, but here they apply for the time being only to visible smoke.



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been insignificant, making nonsense of the industry's argument that entry to the EEC would increase competitiveness and open up an entire new market. In fact, sales have actually fallen from what they were 12 years ago. In France they have dropped from 2.6 per cent of the market to 1.3 per cent, and in Italy from 1.2 per cent to 0.6 per cent.

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THE IMPACT of the free trading policies which followed the Kennedy Round agreements and the creation of the EEC can be seen quite clearly in the development of the European car industry. Whereas 12 years ago every large manufacturing country was importing only between 5 and 15 per cent of its new cars, today this percentage has increased to between 20 and almost 50 per cent. A similar pattern has developed in the U.S. Among the big motor-producing countries of the free world, only Japan has successfully defended its own industry against imports.

Within Europe, these changes have been particularly severe in Britain. In 1965, just after the first rejection of the UK's efforts to enter the EEC, domestic manufacturers satisfied 95 per cent of local demand. But by last year, when tariff barriers against the EEC had been completely dismantled, British companies were only satisfying about 55 per cent of demand. This slump has occurred despite limitations on Japanese imports, which have probably held the Japanese share by at least 5 per cent and despite the attempt to shore up the British industry with considerable tranches of public finance.

If the French stake in Spain is also taken into account, their trading base has also occurred in Italy, although, in this case, the West Germans look even more impressive. Whereas it has not had the problem of sudden adaptation to the Common Market to contend with, German producers have no industry developed in the period. U.S. car output has stayed virtually static since 1965. The Italian manufacturers' Peninsula, two French producers of their own market, duers, Renault and Citroen, at just over 9m units (10m traditionally dominated by Fiat, already have plants there, and including Canada) which Japan, has fallen from 8.5 per cent in Peugeot will add to its capacity by about 500,000 units this year.

Equally, the figures show the acute decline which has gripped the British industry in the period. Last year, UK companies' sales in the main EEC markets were insignificant, making nonsense of the industry's argument that entry to the EEC would increase competitiveness and open up an entire new market. In fact, sales have actually fallen from what they were 12 years ago. In France they have dropped from 2.6 per cent of the market to 1.3 per cent, and in Italy from 1.2 per cent to 0.6 per cent.

Outside Europe, the main change has occurred through the growth of the Japanese industry. This expansion, first led by Toyota and Nissan, is now being followed by the smaller Japanese producers as well, accounts almost entirely for the development of imports in the U.S. The Japanese share in the American market, which stood at an insignificant 0.2 per cent in 1965, against the German's 4.5 per cent, has now grown to 12.2 per cent. By contrast the Germans have slipped to 4.0 per cent, while the other European industries have stood still at less than 1 per cent each.

These market changes relate very closely to the way in which production in the world's motor production in the West German position reflects to a certain extent on the American multinationals' policy of switching their car assembly capacity away from the UK and towards West Germany. Both German based fundamentally on exports Ford and Opel, the General cause of Fiat's decline from a European. The French share of to the U.S. has lifted its output Motors' subsidiary, have de-near monopolistic position Spanish sales could amount to from about 700,000 units to a developed considerably during little under 5.5m. About 40 per this period, making up for the

cent of this output is now taken up by a much-expanded Japanese market, while the base for profitable exports is provided by Japan's 1.2m registrations in the U.S. The rest is exported all around the world, with about 800,000 units going into the EEC.

In Europe, production ex-

panded very quickly between 1965 and the peak year of 1973, when it approached 11.5m. Since then it has been forced into reverse by the oil crisis, only coming back to 1973 levels last year. The most significant feature of these changes is the way in which they have embraced a sharp switch in production resources away from the UK, and, to a lesser extent, Italy, while France has emerged as the region's premier car manufacturer.

German production has gone up during the period from about 2.7m units in 1965 to 3.8m last year. But the French have advanced from 1.4m to 3.1m.

Britain's output, by contrast, has gone down from 1.7m cars to 1.3m, while Italy's, after a rapid expansion until the early 1970s has slipped back. Italy now produces about 1.4m cars compared with 1.1m in 1965 and almost 1.8m six years ago.

stagnation at Volkswagen, which followed the demise of the Beetle model. In the UK these policies have had the effect of aggravating the decline in car assembly which has followed the unsuccessful scramble to rationalise the industry around a strong indigenous company based on the old Leyland and BMC companies.

During the same period the French manufacturers have grown under the strong encouragement of their Government. This expansion has been led by Renault, the State-owned group, which works closely with the Government and which has been encouraged to invest heavily and export vigorously. Established under State-ownership by General de Gaulle soon after the war, Renault first received a direct injection of State equity soon after the General's return

to power in 1958. Since then its expansion has been rapid.

The other side of De Gaulle's policy was to fight against the development of the American multinationals in Europe. This received a blow when Chrysler took over Simca, but it now looks like being resolved in favour of a completely home-owned industry by PSA Peugeot-Citroen's bid for Chrysler's European interests. If this deal goes through it will create the largest car group in Europe—yet in the mid 1950s Peugeot was only about the size of Hillman in the UK and was effectively selling just one model.

Although detailed trade figures are not yet available for 1977, the statistics up to 1976 indicate quite clearly how rapidly France's export potential has grown. By contrast, Britain's, after expanding until

the crisis of 1973, has also stagnated. The Italian industry, under the determined effort by Fiat to gain an international position in the world's motor industry, has also increased its exports despite its production problems.

West Germany still leads the table, with exports in 1976 of almost 2m vehicles against France's 1.3m. But the German position embraces a fall since

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## EUROPEAN MOTOR INDUSTRY XII

Every large manufacturing country in Europe is now faced with an increasing percentage of car imports. Among the major motor producing nations of the free world, only Japan has kept imports to a negligible share of its home market.

# Changes in trading patterns

### CAR EXPORTS OF PRINCIPAL EXPORTING NATIONS

Year ended	UK	France	Germany	Italy	Sweden	Japan	Canada
1953	307,368	81,339	140,935	30,155	1,411	—	27,867
1954	372,029	100,983	244,126	40,755	2,365	1	32,221
1955	288,564	132,859	357,380	69,397	3,046	2	31,831
1956	335,397	151,436	421,379	78,388	7,671	46	34,122
1957	424,320	218,565	515,882	110,953	18,812	487	35,241
1958	484,824	320,141	648,332	161,130	31,465	2,557	35,400
1959	568,971	514,755	737,861	216,881	43,345	4,684	32,261
1960	569,889	491,978	541,033	197,925	49,151	7,013	37,182
1961	370,744	369,147	378,160	234,893	45,596	11,531	9,484
1962	544,324	469,897	975,650	305,429	53,825	16,011	11,576
1963	615,827	522,613	1,217,269	291,877	63,192	15,514	12,541
1964	679,383	441,949	1,356,929	313,097	73,125	16,965	13,227
1965	627,567	487,171	1,434,241	307,534	64,186	10,703	16,187
1966	556,044	501,024	1,475,547	371,822	104,692	15,269	12,751
1967	502,596	546,980	1,350,817	404,401	123,020	22,491	11,424
1968	676,571	628,586	1,801,563	557,695	158,767	16,247	12,615
1969	771,634	787,464	1,875,114	594,590	141,775	560,431	38,416
1970	698,339	1,061,306	1,934,475	632,128	186,537	725,588	36,407
1971	721,094	1,143,625	2,155,943	640,193	212,457	1,298,351	27,458
1972	627,479	1,240,028	2,097,636	658,112	195,247	1,497,249	20,338
1973	598,816	1,340,007	2,203,849	656,236</td			

# Kaunda in a cleft stick

By MICHAEL HOLMAN, Lusaka Correspondent



Kenneth Kaunda

PRESIDENT Kaunda of Zambia made the most painful decision of his political career when he agreed to fall back on the railway link through Rhodesia and to South Africa for handling exports of copper and imports of fertiliser. Of the landlocked country's two other railway links, the Benguela line through Zaïre is cut, and the Tazara link to Tanzania is not in condition to handle Zambia's full needs.

The Government-owned Zambia Daily Mail explained Mr. Kaunda's reasons in these bitter words: "The policies involved in the decision open the southern route... (are) the politics of survival brought about by the fact that all the people we counted upon as allies have decided to abandon us." The comment reflects both bitterness and the acknowledgement of a dire economic crisis.

Senior officials argue that the duplicity of the West has contributed to their country's plight. They cite the Bingham Report on deliveries of oil to Rhodesia, or the fact that the

U.S. imported Rhodesian chrome until 1977. These and other acts or omissions have extended the life of the Salisbury Administration, they say, while the cost to Zambia of sanctions and routing over the past five years exceeds £640m.

Dr. Kaunda's volte face could cause him difficulties at the forthcoming Presidential and general elections on December 12.

As it is, there are doubts in some quarters whether he acted in time. Zambia's internal transport infrastructure is poor. There is a shortage of lorries, and roads are bad in rural areas. The railways need more locomotives, wagons and spare parts. Some 1.5m bags of last year's maize crop need to be collected by lorries which then must load at least 170,000 tonnes of fertiliser at railheads and deliver it to the farmers. This complex operation has to be concluded before the November rains if Zambia is to be able to feed its 5.5m people without outside help.

Informed sources in Lusaka maintain, in spite of government denials, that Zambia has been importing small amounts of coke from the Rhodesian mining centre of Wankie. However, the current exercise involves some 90,000 tonnes of fertiliser and about half of Zambia's 55,000 tonnes monthly of copper exports. Traffic on that scale could not be concealed.

Most observers agree that even with the southern route open—and assuming that there is no rapid increase of the copper price—at least two more years lie ahead.

In constant money values, gross domestic product per head fell from kwacha 188 in 1976 to kwacha 185 last year (about £119 at present exchange rates), making it the lowest ever re-

corded, the Bank of Zambia said in its annual report for 1977.

Dr. Kaunda's decision to allow the Rhodesian premier, Mr. Ian Smith, to visit Lusaka twice in the past 13 months to hold apparently fruitless talks with Mr. Joshua Nkomo, co-leader of the Patriotic Front, has not brush off a solution to the Rhodesian problem any closer. The visits strained relations between Dr. Kaunda and Presidents Nyerere of Tanzania and Machel of Mozambique.

Zambian officials say the reopening of the southern link is permanent, and maintain that Mr. Smith extracted no quid pro quo. Many observers doubt the latter. Since the Rhodesian Prime Minister now controls Zambia's lifeline, to what extent will he tolerate guerrilla attacks across the Zambian border? Mr. Nkomo has said that the move poses "some difficulties." But he said, "we are going to fight along the railway line. Nothing will pass there which we do not want to pass."

Unless that was mere rhetoric, the southern route could still be in jeopardy.

The economic benefit to Zambia can be set against the possible political problems of re-opening the southern route.

If all goes well and the fertilisers come, it will avert a disastrous failure of the maize crop.

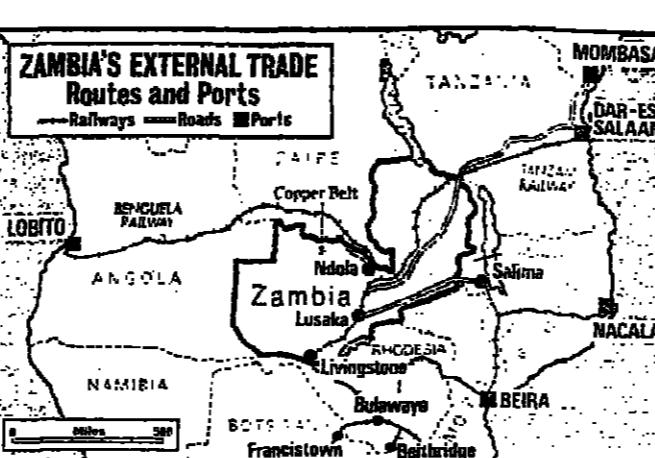
Receipts from the 100,000 tonnes of copper combined with regular future shipments will ease the acute foreign exchange shortage. The mines will be able to import lubricating oils, equipment and spares. Above all, it should mean that the Government can keep to the 20 countries and organisations attending.

The paper took into account a drastic reduction of imports which in real terms are only half of those in 1973.

The first scenario assumed that in real terms imports would remain constant. Shortages of essential imports would increase and GDP would fall.

The current account deficit in 1978-1980 would be 560m kwacha, reduced to 360m kwacha after deducting external aid at present available.

The second scenario, similar to one put forward by the Zambian Government, assumed sufficient expansion of imports to allow industry to resume normal production



approaching other sources of and build up stocks. It envisaged a financing gap, after aid deductions, of 1.04bn kwacha.

But the view among most businessmen is that the southern rail link can ease but not resolve an economic crisis the proportions of which emerged at a World Bank consultative meeting, held in Paris last June. A World Bank analysis of the problem, which included two scenarios of Zambia's financing needs until 1980, was presented to delegates from the 20 countries and organisations attending.

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maintaining the regularity of brings more goods in the shops and its shipments of copper by the election. Others believe that the electorate, resenting

the border decision will be as a vindication of Mr. Kapwepwe. Should the new dental and parliamentary campaign reflect the latter only one man may stand for president. He must be nominated by the UNIP central committee. It is conceivable.

Independence Party (UNIP) at its general conference, in July vent its feelings in the presidential election. Dr. Kaunda has to Simon Kapwepwe. Mr. Harry win 51 per cent of the votes Nkumbula, once leader of the cast, and although he is backed by the party machinery and the defunct African National Congress, a little-known businessman, Mr. Robert Chilwe, announced that they would support Dr. Kaunda.

The electorate could also challenge Dr. Kaunda for the

Evidence of a military build-up in this front-line state coincides with these events. In

the powerful Bemba tribe, was seen as the main challenger, despite denials by President Kaunda and Mr. Nkomo, western diplomatic sources continue

call for the reopening of the Rhodesian border and immediate denationalisation of certain state-owned industries. Mr. Kapwepwe in 1971 broke with President Kaunda and formed the United Progressive Party (UPP). It was banned in 1972 and Mr. Kapwepwe and other senior officials were detained for several months. Last September he rejoined UNIP in what now appears to have been an attempt to challenge Dr. Kaunda from within the only legal party.

Zambia's debt service ratio has been steadily increasing. At the end of 1977 the external public and privately guaranteed debt (disbursed loans only) with a maturity of longer than one year amounted to \$1.3bn. The cost of servicing it was equivalent to 18 per cent of the year's exports, whereas in the late 1960s the service ratio had Some observers suggest that Dr. Kaunda's decision to reopen capacity to service its debts in the southern route will boost the years ahead will depend on his popularity particularly if it



Simon Kapwepwe

believe Mr. Smith would welcome.

The possible shifts in Zambian politics in the months ahead are difficult to forecast. The pragmatic approach of Mr. Kapwepwe wins the support of most of the business community and undoubtedly many Zambians believe that the economic depression could have been reduced by timely and appropriate decisions. But there

The 14,300-strong Zambian armed forces, lacking the commando and counter-insurgency capacity of the Rhodesians, are reduced to providing what protection they can to ZAPU camps, to futile exchanges of fire across the Zambezi.

A conventional response to Rhodesian incursions—such as air attacks on towns and installations—has been ruled out, partly because Zambia, while prepared to provide what it calls a "reliable rear base" for ZAPU, is not prepared to fight Mr. Nkomo's war for him. Furthermore, the one-party system, will test the President's considerable political skills, and Zambia's reputation for tolerance and war, something the Zambians stability.

## Letters to the Editor

### Nuclear power

From Mr. G. Hockley

Sir—Professor Grant (October 12) quotes the estimates of the Health and Safety Committee to support his contention that nuclear power is safer than other power sources. These estimates have been criticised by outsiders as well as being highly qualified by the committee itself. They exclude any effect of severe rare accidents; the one-in-a-million chance Professor Grant originally asked us to consider. Survivors of such an accident may be concealed by the committee's statement that "the probability of these events is so small that they would have no significant effect on the long-term averages." Risk estimates for nuclear power generation and reprocessing are based on accidental deaths of employees during 1970-77 as reported by British Nuclear Fuels. Some of the sharpest criticism was made by the Flowers Sixth Royal Commission Report on Environmental Pollution in 1976 about the monitoring of health effects and statistical evidence (paragraph 374), and as a result this statistical evidence was not considered by the Windscale Enquiry (paragraph 10.47). Figures for deaths in nuclear power are biased downward for two reasons. Employees who died after leaving the nuclear industry are excluded, and some of the effects on workers past and present will not yet be apparent. The first figure alone is insufficient to make these figures meaningless.

Mr. Vey, director of information services of the UK Atomic Energy Authority in the same issue continues to rely on these misleading—safety figures. He also states there is no evidence of interference with civil liberties "nor is there any reason why it (nuclear power) should do so." The Flowers report paragraph 185/6 and the Windscale Enquiry chapter 7 give the lie to Mr. Vey's assertion. The apparent necessity of nuclear proponents to base their case on discredited statistics and arguments only serves to cast doubt on their case that a greater use of nuclear power will be safer than the alternatives.

G. C. Hockley  
Senior Lecturer in Economics,  
University College, Cardiff.

### Accountancy papers

From Mr. G. Ledeboer.

Mr. Sir—Mr. Schäffer's cri-de-coeur (October 13) regarding changes in examiner's thinking fails to mind the perhaps hourly talk about the undergraduate who couldn't understand why the economics paper set the same questions each year. The reply came: "The questions may be the same, but the answers are always different."

G. P. Ledeboer  
"Pineview" Frameword Road,  
Rutland, Buckinghamshire.

### Examiners thoughts

From Mr. R. Goodrich.

Mr. Sir—One never ceases to read complaints about the problems of passing the examinations of the Institute of Chartered Accountants in England and Wales and these tend to concentrate on the difficulty of predicting what the examiners are thinking. I suspect that their efforts take into account the need to establish whether the candidate can do more than reproduce what some accountancy school has anticipated.

The Institute of Chartered Accountants of Scotland supervises the training of its own students, and consequently there is a closer understanding between the teachers and the examiners.

It might be argued that this makes anticipation of the "questions easier," but I believe that the best exam-

questions could be set again without any great disparity in relative performance. I have frequently heard argument that the English qualification is as good as the Scots, but never the converse. If nothing else, this must indicate that the Scottish qualification is not significantly inferior.

You do not have to be domiciled, resident, nor ordinarily resident in Scotland to qualify as a chartered accountant.

R. M. Goodrich  
Goodrich Clark and Co.  
11, Hither Chancery Lane,  
London, Green, Kent.

### Transkei's land

From the Press and Publicity Officer,  
Transkei Information Office.

Sir—On October 4, Mr. Quinton Peal described the proposed resettlement plans of the South African Government for squatters from the Crossroads camp to an area scheduled for consolidation into Transkei.

Paramount Chief K. D. Matanzima, the Prime Minister of Transkei, was never consulted about this disgraceful proposal.

Building activities began in secret and the Prime Minister only learnt about it because he was taken into Transkei.

The market is only retrospectively efficient. All the information is available to make it more efficient. Not all the participants in the market equip themselves with as much information as is available.

Mr. Damant refers to the fact that in the period 1970-73 only the upper quartile of managers in the Bacon and Woodrow sample outperformed in the equity sector. Surely this is not a disappointment. It is a normal conclusion in any market.

Excellence, by definition, is above average. Trustees aim to select excellence when they select an investment manager.

(Dr.) Walter Grant Scott,  
Ivory and Sime, Ivory and Sime,  
1, Charlotte Square, Edinburgh.

### Energy savings at all costs

From Mr. J. Goodland

Sir.—Are not some officials and official spokesmen in danger of being carried away by this craze for energy saving at all costs and in all directions.

We have plenty of coal and electricity, both having low unit cost, content and limited export potential.

Why industrial and commercial users of these fuels in company with those on oil or gas should be warned of "forever" Government inter-

vention should they fail to take "adequate" energy saving measures is difficult to understand.

Why the warning should have been delivered by the deputy chairman of the National Enterprise Board (October 11) is also a mystery: can one assume that firms which fail to save its very nature, is insulated to some special needs beyond that currently of NEB support?

Indeed, it required by the building regulations is not made is the timber-framed house. This is now a well-proven and highly efficient method of building used increasingly in this country. Its advantages are that it provides an easy

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## COMPANY NEWS + COMMENT

## BSG up 50% but warns on Ford strike

ON TURNOVER up by over £30m from £101.3m to £131.9m pre-tax profits of BSG International increased by £10.6m to £4.51m for the first half of 1978, up 50 per cent. Profit for all of 1977 was a record £7.74m.

Mr. Harry Cressman, the chairman, says that the directors are confident the group has the organisation and management to continue its expansion both in the UK and abroad.

Indications for the second half are that BSG will continue the pattern of the first period and also that, as in previous years, the second half will be more profitable.

However, this situation is clouded by the Ford strike and, he says, it remains for the group to do its utmost to minimise the effects of this industrial dispute.

"The implications of the industrial dispute at Ford Motor Company make it impossible for us to forecast the effects upon the group," Mr. Cressman said, "but included in the figures for the first half is a contribution from British Weatherhields from February 1, 1978, but the figures do not include British Vega, formerly Vega Auto Holdings which was acquired in July 1978.

On July 11, 1978, the bulk of the group's stake in "W" Ribbons was sold and figures for the period from this source are not included this year—the comparative half's figures include profits of £210,000.

Mr. Cressman states, "The group's profit for the first half is £21.9m, up 50 per cent, and the forecast for the second half is £30m, up 40 per cent.

Also, Hostess Furniture has returned to profitability, and although demand has not yet fully recovered, the directors believe it will make its rightful contribution within the foreseeable future.

## • comment

While BSG's manufacturing interests have overall performed well it has been the motor distribution side that has been the strong runner. Half time profits for the group are 50 per cent higher which compares well with other distributors; vehicle distribution now accounts for 53 per cent of sales, treble the figure seen a couple of years ago. All being well BSG could now be heading for about £1m pre-tax but the size of Ford's is a worrying feature. Fords now account for about 20 per cent of BSG's business and stocks are running extremely low. Moreover, Vauxhalls (the Cavalier is now popular with fleet operators) are also in short supply. Clearly the supply of vehicles holds the key to the outcome for 1978 but what is lost this year will presumably be made up in the next with fleet operators merely delaying any changes.

So while borrowings will still remain relatively high—£18m against shareholder funds of £23m, excluding goodwill in the last balance sheet—any possible prospective p/e of 32 at 41p (based on a first half tax charge) is a yield of 8.8 per cent and seems an over cautious rating.

## INDEX TO COMPANY HIGHLIGHTS

Company	Page	Col.	Company	Page	Col.
Allied Plant Group	30	6	Forward Techy.	34	1
Beam	34	3	Parrish (J. T.)	30	3
Brook Street Bureau	30	7	Ruby Portland Cement	32	1
BSG Ind.	30	1	Senior Engr.	34	2
Campani	34	4	Sime Darby	30	3
Close Bros.	34	6	Steel Bros. Hldgs.	30	5
Dorrington Inv.	30	4	Tyzack (W. A.)	30	3
Dowding & Mills	32	1	Wood & Sons	34	5

Sime Darby shares, said that the reasons so far given by the Sime Darby board were not good enough. Sime has stated that it wants to take the audit to a rival firm, Price Waterhouse, because of its superior international coverage. But Mr. Arthur Clark of Fleming said yesterday that the board would have to show that shareholders were suffering from the ban from the use of Turquand. The auditors were employed by the shareholders not by the company officials, he said.

Mr. Clark will not make up his mind how to advise his clients until the Sime board officially gives its reasons for the sacking and the auditors send their reply. He emphasised that his views were not necessarily those of Robert Fleming as a whole and that the trustee he advised were free to reject his advice.

Meanwhile in Kuala Lumpur Turquand intends to hold a press conference on Wednesday morning to repeat its objections to the lack of explanation for its dismissal.

## Dorrington advances at six months

A SMALL decline in pre-tax profits from £10.6m to £9.1m for the first half of 1978 is reported by Steel Brothers Holdings, international trader and manufacturer, and arises from the conversion of foreign earnings into sterling, particularly in the case of the Canadian dollar.

The directors say the profit is likely to show some reduction from the record £8.62m of 1977, as, in addition to exchange differences affecting overseas earnings, conditions generally in the Middle East have been less buoyant with the result that a smaller contribution is expected from this source.

However, subject to the effects of further changes in exchange rates from current levels, net profits, excluding extraordinary items, should show little change from last year's comparable figure of nearly £2m, they add.

Half-year profits attributable to ordinaries were up slightly from £1.56m to £1.59m. The interim dividend is lifted to 2.75p (2.5p) net per 25p share, costing £302,238—last year's final was 4p.

The interim dividend is stepped up to 1.65p (1.4p) net per 10p share—last year's final was 1.65p net from pre-tax profits of £251,274.

The market for residential property in London has been buoyant, the directors state, and competition for the acquisition of high quality blocks of residential property continues to be intense.

They have been able to compete effectively for new acquisitions and are satisfied that they have the resources to continue to do so.

Net profit came out at £177,000 against £144,000 after tax of £92,000 compared with £157,000 and the directors say that although tax has been calculated at 52 per cent, the actual liability may be reduced at the year end as a result of stock relief.

Mr. Leslie Marler, now 78, is resigning as chairman of Marler Estates. He has accepted an invitation from the Board to act

## W. Tyzack recovers in second half

FOLLOWING THE £107,426 drop to £117,790 at halfway, taxable profit at W. A. Tyzack and Co. more than doubled in the second half to leave the July 31, 1978, year result up from £433,405 to £512,274. Turnover was 27.3 per cent higher, distribution 10.4 per cent, aircraft seating, and the order book and prospects are excellent, Mr. Cressman states.

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## Sime Darby auditors supported

Turquand, Youngs and Company, the auditors which the board of Sime Darby wants to sack, received limited support from Robert Fleming, the London merchant bank, yesterday.

One of Fleming's investment advisers, who looks after investment trusts holding over 800,000 as a consultant,

## DIVIDENDS ANNOUNCED

Current payment	Date of payment	Corre- sponding div.	Total for last year
Allied Plant	Int. 64	Jan. 26	£71
Brook St.	Int. 131	Jan. 2	42
Beam Int.	Int. 692	Jan. 2	212
Dorrington	Int. 153	Nov. 30	109
Forward Technology	Int. 381	Nov. 30	22
Senior Engr.	Int. 665	Nov. 30	1183
Steel Bros.	Int. 273	Dec. 19	65
W. A. Tyzack	Int. 105	Nov. 21	127
Wood & Sons	Int. 667	Nov. 21	166

Dividends shown per share net except where otherwise stated. \*Equivalent after allowing for scrip issue. +On capital increased by rights and/or acquisition issues. For 18 months includes additional 0.005p now payable.

## Slight fall at Steel Bros.

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Mr. Eric and Mrs. Margery Hurst, the joint chairman of Brook Street Bureau of Mayfair.

## First half upsurge for Brook Street

IN THE first half of 1978, Brook profit of £203,371, and has also doubled its profits, from £35,456 to £73,450, on turnover 40 per cent ahead at £8.95m.

## • comment

Employment disputes are affecting the current levels of trading, and the market is less than a week away from pre-tax profits more than double. The main factors behind the unexpected high demand are temporary staff plus improvements in foreign trade, and a fairly good run less there is some drizzle downturn in the higher throughput. The demand cut back to weather the level of general economic activity is the upsurge in demand has been met by extra capacity which is behind the better results. The Australian operation is heading back towards the black, and the interim dividend is being raised from 1.75p to 2.15p net per 10p share, and this is more than justified by the rapid growth of both profits and profitability of the company, with the significant reduction in the losses of the Australian subsidiaries—in the half year they were £12,000, against £120,000 a year ago.

The net interim dividend is stepped up from 0.35p to 0.45p per 10p share, and this is due to the assets of overseas subsidiaries (losses of £100,000 last year) expected to break even for the year as a whole. Current trading is described as buoyant, and a good result is anticipated. If the annual dividend is raised by 10 per cent, the yield is 8.3 per cent at 85p, though the company is hunting at an above average increase.

## NOVEMBER AGM AT WILLIAMS JACKS

As the year ends at Williams Jacks and Co. has been chosen from June 20 to December 31 to report and dividends will be paid on 12th December. The report, however, will be held in November, and the Companies Act states that the AGM will be held in November, and the group turned in a

## RUGBY CEMENT

## First half year another record

The Directors of The Rugby Portland Cement Co. Ltd. announce that the unaudited Group results for the six months to the 30th June 1978 were as follows:

	6 months to 30th June 1978	6 months to 30th June 1977	Year to 31st December 1977
Turnover	£'000	£'000	£'000
United Kingdom	36,256	31,433	67,002
Overseas	11,275	10,480	20,835
	<b>47,531</b>	<b>41,913</b>	<b>87,837</b>
Trading Profit			
United Kingdom	4,060	3,128	8,254
Overseas	1,841	1,839	4,068
	<b>5,901</b>	<b>4,967</b>	<b>12,322</b>
Interest Received and Investment Income	802	1,641	2,784
Interest Paid	(426)	(747)	(1,294)
Profit before Taxation	<b>6,277</b>	<b>5,861</b>	<b>13,822</b>
Taxation			
United Kingdom	1,715	1,475	3,990
Overseas	914	813	1,833
	<b>2,629</b>	<b>2,288</b>	<b>5,823</b>
Profit after Taxation	<b>3,648</b>	<b>3,573</b>	<b>7,999</b>
Minority Interests	163	146	338
Profit attributable to the Shareholders	<b>3,485</b>	<b>3,427</b>	<b>7,661</b>

Taxation includes an equalisation charge calculated on the same basis as last year of £1,250,000 (1977 £1,640,000).

At the Annual General Meeting held on the 13th June 1978 it was stated that if the rate of Advance Corporation Tax was confirmed at less than 34/66ths, the Board's intention would be to increase correspondingly the dividends announced on the 17th April.

The dividends to be paid on the 29th October to shareholders on the register on the 7th July will, accordingly, be as follows:

On the 5p Ordinary Shares: Supplementary 1977 final dividend 0.027p a share costing £19,008; 1978 interim dividend 1.865p a share costing £1,312,560; (1977: 1.671p a share costing £1,176,384).

BY JOHN GRIFFITHS

# Motor rallying's spin-off market

ONE OF the few concrete examples of motor sport translating directly into sales is recalled by Sig. Daniele Audetto, competitions manager of Fiat. The Fiat team for the Singapore Airlines-sponsored London to Sydney rally in 1977 comprised three diesel-powered Mirafiori cars. They were entirely new to Singaporeans. But Singapore taxi-drivers were so taken with them that within a few weeks requests for 3,500 had arrived in Turin.

Competitions-based, high-performance versions of production line cars have established a niche for themselves in the British market, with sales this year expected to reach 30,000, worth some £130m. The latest company moving towards a stake in this market is Chrysler, which hopes to launch both in the UK and Europe a 2.2 litre Lotus-engined version of its Sunbeam hatchback.

The launch will take place in the months after this week's Motor Show, provided an engine supply agreement with Colin Chapman's Lotus organisation can be finalised.

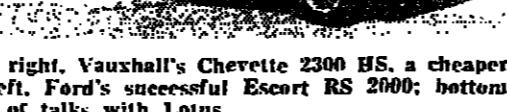
In doing so Chrysler will be following in the footsteps of other major European manufacturers, notably Ford, Vauxhall, Fiat and Opel, which make high-engined, expensive versions of their mass-market small cars.

As with the other manufacturers, however, Chrysler's first reason for producing the car is not directly linked to sales at all: rather it is to give the Sunbeam legitimate entry into the top level of motor rallying, and the prospect of reaping a rich publicity harvest provided by the top event in the world calendar. Britain's own RAC Rally, plus the seven other World Rally Championship events in Europe.

But the rules of the sport's world governing body, the Federation Internationale de l'Automobile, state that cars competing in WRC events must have similar specifications to those which can be bought by the general public. Further, the FIA insists that at least 400 such cars must be sold.

This fed to the introduction into the showrooms of cars which, at first, most of the manufacturers would have been content not to make at all: the Ford RS1800 (now discontinued), Opel's Kadett GT/E, the Fiat Mirafiori Rallye Abarth and two-litre overhead camshaft Vauxhall's Chevette 2300 HS.

But with the Sunbeam, Chrysler is expected to go further than other manufacturers in incorporating the competition-based car into its model line-up and to give it a formal launch as the flagship of the Sunbeam range. Chrysler's competition manager, Mr. Des O'Dell, has pitched just below the psychologically important £4,000 mark and has recently been shown to some major dealers. The competition car, while not



Top left, Fiat's Mirafiori Abarth Rallye; top right, Vauxhall's Chevette 2300 HS, a cheaper version of which is being considered; bottom left, Ford's successful Escort RS 2000; bottom right, Chrysler's Sunbeam, which is the subject of talks with Lotus.

conforming to World Rally original expectations, and production points—has already been in British Leyland's representation this year, best result in the second place overall on now ageing Triumph Dolomite Sprint. But with another France in July.

It will not, however, be seen on the RAC Rally, which starts from Birmingham late next month. While Chrysler has given up motor racing to concentrate on rallying, this year's appearances have formed only part of a development programme which next season should see Chrysler competing in the RAC Rally, the Gordon's Rally and the Speke closure.

The roadgoing Sunbeam, like its immediate rivals, is certain to be pitched above the £3,000 mark, double the price of more standard versions. The Chevette sells for £3,300 and the Kadett for £2,100, while the 400 Abarth Rallyes that Fiat produced in 1977 will be swapped up in Italy, where

Chrysler's expected debut in World Rally Championship events will mean that all of Britain's four volume manufacturers will be represented.

Fiat will aim at this market with its launch at the Birmingham Motor Show of the Mirafiori Sport—to be sold in Europe as Opel's Kadett GT/E, the Fiat Mirafiori Racing—with a

Chrysler's move serves to illustrate the greatly increased emphasis that Europe's manufacturers have come to place on motor rallying as a promotional exercise. And it was dramatically reinforced at the recent Paris show, where the new, mid-engined and turbocharged Renault 5 Alpine was unveiled. With 200 bhp, the car was one of the main talking points of the show. It is to be type-approved for competition by the end of next year and

Germany, it has far outstripped its planned launch on the U.S. market this summer.

But BL says that it managed to get 400 of the cars built between July and November, 1977—well before both the Speke closure and its application to the FIA for competition "type approval" from April 1 this year.

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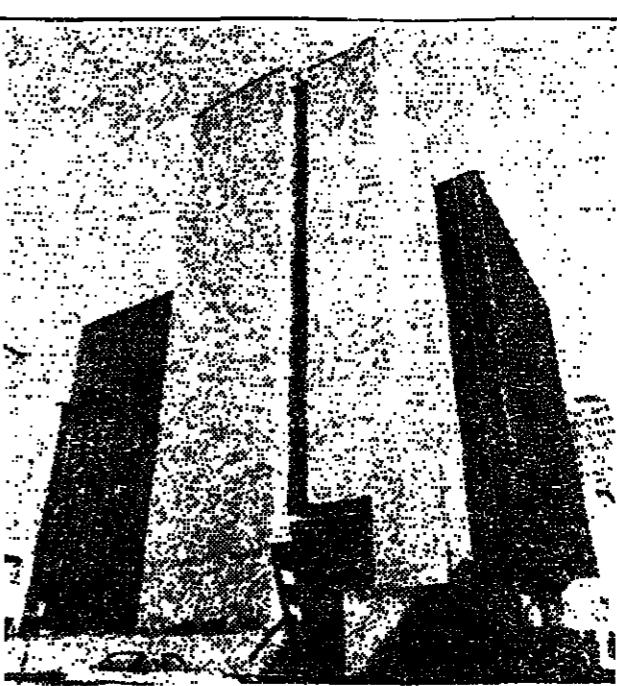
correlation. In particular, BL's reinvolvement of the past few years has served to lower the age profile of buyers who had been steadily moving into the older bracket.

Nevertheless, a hitherto unpublished study undertaken by Ford some time ago does throw some light on how the man in the street has perceived motor sport in terms of what car he decides to buy with his hard-earned cash.

A survey taken among 1,181 new car owners in Britain, Germany, the Benelux countries, France, Sweden and Switzerland showed almost one-half professed to be "very" or "fairly" interested in motor sport—the figure for Britain was 43 per cent. Seventy-three per cent of the sample considered that the average motorist derived "much" or "some" benefit from manufacturers' participation in rallying, and 63 per cent felt events involving production car-based racing produced similar benefits. In Britain, 76 per cent believed rallying was of benefit, against 68 per cent for racing.

To the question, which events were most beneficial to the average motorist, 36 per cent opted for rallying, 26 per cent for saloon car racing—and 12 per cent for grand prix and other types of racing. British motorists awarded rallying 35 per cent and saloon car racing 21 per cent. Eighty-eight per cent listed tyres as the single feature most improved—91 per cent in Britain—with roadholding 87 per cent overall, 88 per cent Britain, brakes 85/87, engine performance (84/87) and overall reliability (79/82) close behind.

A source of considerable satisfaction to Ford, no doubt, was that its own name was mentioned—by 61 per cent of the sample—as the manufacturer associated with motorsport. Twenty-six per cent named it as the most successful in motor sport, and 23 per cent as the company benefiting most from



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## The people with the biggest stake in Japanese industry choose Toshiba.

According to a recent independent survey,\* in 1977 Toshiba ranked second among all Japanese companies as the favourite choice of employer among the country's engineering undergraduates. And with Japan's lifetime employment system, choosing a company is one of the most momentous decisions in a person's career.\*

Why do so many of Japan's elite students rate Toshiba and its prospects so high?

They know that Toshiba is a powerhouse of the country's economy, ranking 37th in Fortune's 1977 line-up of industrial corporations outside the U.S. A company whose worldwide activities are firmly founded on its massive strength in the domestic sector. A leader in fields as diverse as

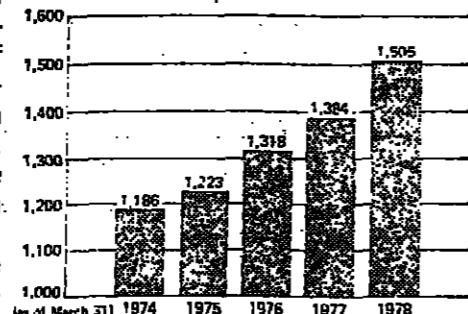
heavy apparatus, industrial electronics and consumer products, manufacturing giant power plants, electronic-controlled industrial and transportation systems, advanced semiconductor devices, satellite communication systems, sophisticated medical equipment, state-of-the-art audio and video equipment, reliable home appliances, etc.

They know because they make it their business to know. Their whole future depends on it.

\* Nippon Recruit Centre Annual University Employment Motivation Survey, 1977.

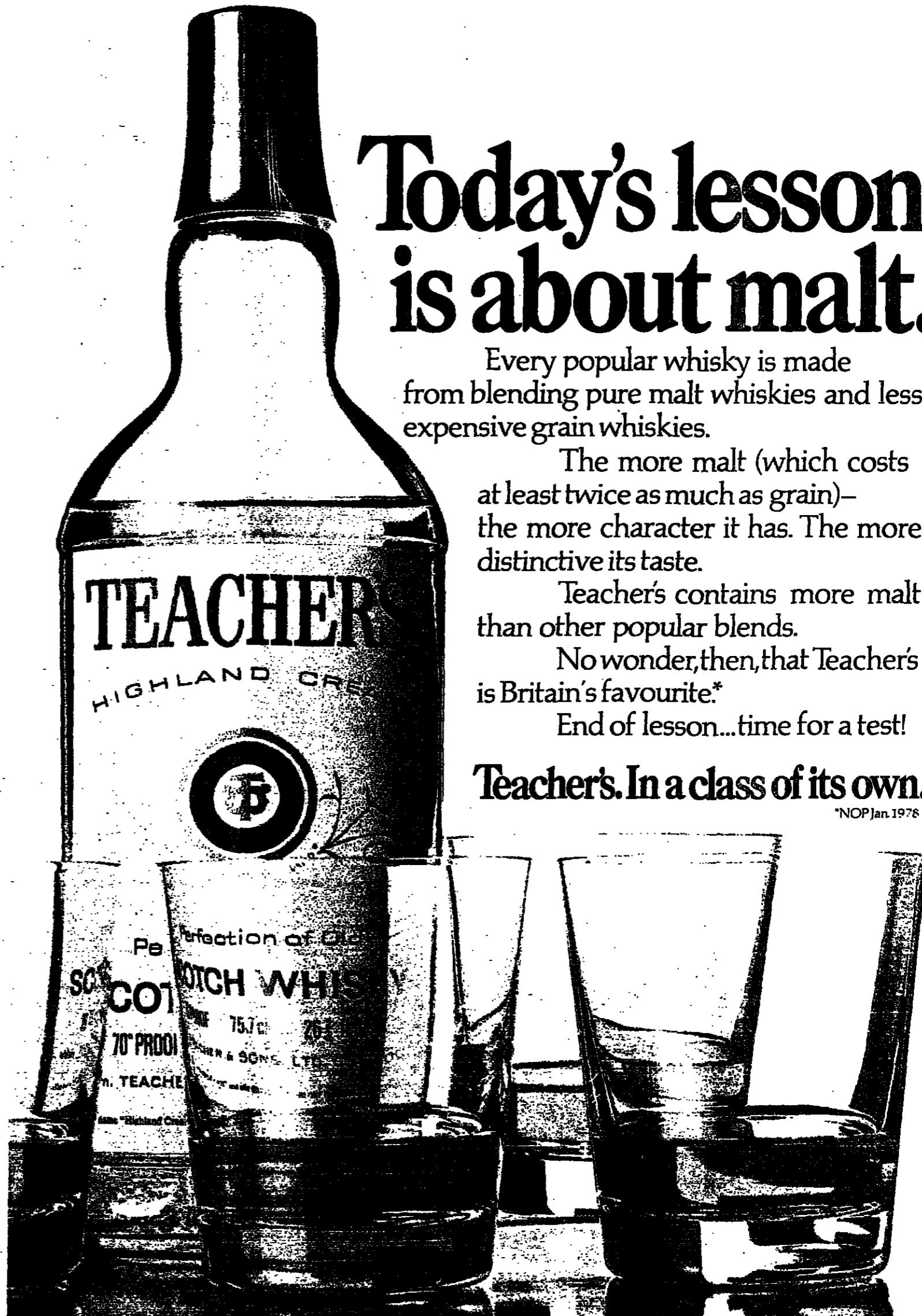
Breakdown of Business Results by Product Group For Fiscal Year Ending March 31, 1978.

CONSOLIDATED NET SALES (Billions of Yen)



Jan of March 31 1974 1975 1976 1977 1978

**TOSHIBA**  
TOSHIBA CORPORATION



# Rugby Portland 7.1% higher

AFTER a halving of interest received and investment income, pre-tax profit of Rugby Portland tapers off and advanced 7.1 per cent from £5.6m to record £6.28m in the first half of 1978.

Stemming mainly from UK activities, trading profit was 18.8 per cent higher at £50m, on a 18.4 per cent increase in turnover from £141m to £175.5m.

The directors explain that the fall in interest received reflects not only lower interest rates but also high capital expenditure. At the same time the delay between March and June in fully implementing the cement price increase cost the company about £750,000.

As known the net interim dividend per 25p share is lifted from 1.67p to 1.835p, and there is an additional 0.027p on account of 1978. The directors are forecasting a 12.5 per cent increase in the gross total for the year. Last year's net final was 1.809p from profits of £13.82m. The interim dividend, together with the supplementary payment, costs £1.85m (£1.81m).

Reporting the first half performance, the directors say that in the UK cement sales tonnages were usefully higher; this trend has continued into the second half.

See Lex

## Reasonable start for Dowding & Mills

THE FIRST two months of the current year at Dowding & Mills (£21,000) less the gearing factor (£2,000) have started reasonably well, Mr. K. H. Sharp, the chairman, tells members, and the directors are hoping that this trend will continue for the remaining four months of the half year.

As reported on September 22, in line with their forecast of a record year, the directors announced pre-tax profits of £1.74m (£1.43m) for the year ended June 30, 1978 on turnover ahead to £11.87m (£9.5m). The dividend is stepped up to 12p (10.5p) per share.

The company has continued its policy in new buildings, plant and machinery which, as and when industrial activity improves, chairman says, will enable Dowding to increase its own production still further. Some £910,729 was spent during the year—half on new buildings and half on new plant, machinery and vehicles.

Of the new projects in hand, work on the new factory at Falkirk is well under way and, when completed early next year, will complete the company in a good position to increase its share of the market in Scotland. Mr. Sharp says:

The Shefield extension is now finished and is in operation and is well placed to draw in more work from the industrial areas of the north.

The extension to the Birmingham factory is nearing completion and should be in production by the end of the year. As well as these projects Dowding has opened a small new branch at Ipswich to serve the expanding industries in East Anglia. "This is a Green field project and it has already built up a substantial list of customers," the chairman adds.

The auditors say that the valuation of work in progress excludes appropriate overheads and are thus not in accordance with SsAP 9. They add, however, that this exception does not significantly affect the accounts.

A CCA statement, based on the Hyde guidelines, shows pre-tax profit reduced to £1.35m (£1m), after depreciation £84,000, (£245,000), cost of sales £47,000 course of the day's trading.

## BIDS AND DEALS

# Mr. Field refuses to leave Dawson Board

Continued

progress is being made with the Rochester expansion and the Southam operation.

Although Rom River showed

some improvement over the first half of last year, conditions continue to be difficult in the reinforcement industry.

In Western Australia both

Cockburn Cement and the

Purnella Hotel produced im-

provement in the decline in the Australian dollar since June 30, 1977. Good pro-

gress is being made with Cock-

burn's new lime plant; to com-

plete financing arrangements,

Cockburn is aiming A\$14m by the

issue of debentures at various

rates and maturities.

Mr. Stanley Field, chairman of

William Baird, has rejected a

request for his resignation from

the Board of Dawson Interna-

tional.

The request comes from Dawson's chairman, Mr. Alan Smith, who takes the view that the

other potential successors in interest

in him. In Mr. Field's continued

presence on the Dawson Board,

Leading counsel has advised

that Mr. Field's only proper

course of action is to resign". Mr.

Smith says: "Accordingly I have

written to Mr. Field requiring his

resignation forthwith.

Mr. Field, in his last letter, has

given "careful considera-

tion" to his position as a director

of Dawson and, with the support

of his advisers, he considers it

would be entirely inappropriate

for him to resign."

The resignation request is dis-

closed in a letter sent by Mr.

Smith to Dawson shareholders

document to cause Baird to alter

its view that the offers it has

made are fair.

The contents of the letter

confirm and reinforce Baird's

decision to the shareholders.

Mr. Smith says: "Also employees

have expressed concern at the

possibility of Dawson losing its

independence and the bid, if

successful, could irrevocably upset

the necessarily close relationship

we have developed over many

years with our specialist raw

material suppliers."

He foregoes a dividend of 14p

a share (last year 17.5p), a 50p

issue of one new "A" class non-

voting ordinary share for each

ordinary and each "A" class

share held and indicated that the

company is in the process of preparing a forecast of profits for

the year ending March 31, 1979.

The bid fails, the "A" shares

will be franchised as soon as

practicable.

"Dawson's assets have not been

revalued for many years, and are

revalued to compulsorily

grossly understated," he says. "A revaluation of land, building and machinery is presently in hand and, when this is very substantial, a presentation of results will be made.

He points out that Baird wants £1.8m in cash at March 31, 1978 and states that "Baird wants to buy Dawson with the equivalent of Dawson's cash." He points out that Baird's cash element of the offer Baird's total borrowings will exceed £25.6m, against net tangible assets at December 31, 1977 of £28.8m and asks Baird to explain how it will repay "such loss."

Mr. Field, in his last letter, has issued a statement saying that there is nothing in the Dawson defence document to cause Baird to alter its view that the offers it has made are fair.

The contents of the letter confirm and reinforce Baird's decision to the shareholders.

Mr. Smith says: "Also employees have expressed concern at the possibility of Dawson losing its independence and the bid, if successful, could irrevocably upset the necessarily close relationship we have developed over many years with our specialist raw material suppliers."

He foregoes a dividend of 14p a share (last year 17.5p), a 50p issue of one new "A" class non-voting ordinary share for each ordinary and each "A" class share held and indicated that the company is in the process of preparing a forecast of profits for the year ending March 31, 1979.

Acceptances have been received in respect of 1,864,975 ordinary and 1,864,975 4 per cent non-cumulative preference shares which amount to 96.2 per cent of the ordinary and 96.2 per cent of the preference capital, respectively.

In respect of acceptances received by October 16, it is expected that remittances for the cash consideration due will be practicable.

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He foregoes a dividend of 14p a share (last year 17.5p), a 50p issue of one new "A" class non-voting ordinary share for each ordinary and each "A" class share held and indicated that the company is in the process of preparing a forecast of profits for the year ending March 31, 1979.

Acceptances have been received in respect of 1,864,975 ordinary and 1,864,975 4 per cent non-cumulative preference shares which amount to 96.2 per cent of the ordinary and 96.2 per cent of the preference capital, respectively.

In respect of acceptances received by October 16, it is expected that remittances for the cash consideration due will be practicable.

"Dawson's assets have not been revalued for many years, and are

revalued to compulsorily

grossly understated," he says. "A revaluation of land, building and machinery is presently in hand and, when this is very substantial, a presentation of results will be made.

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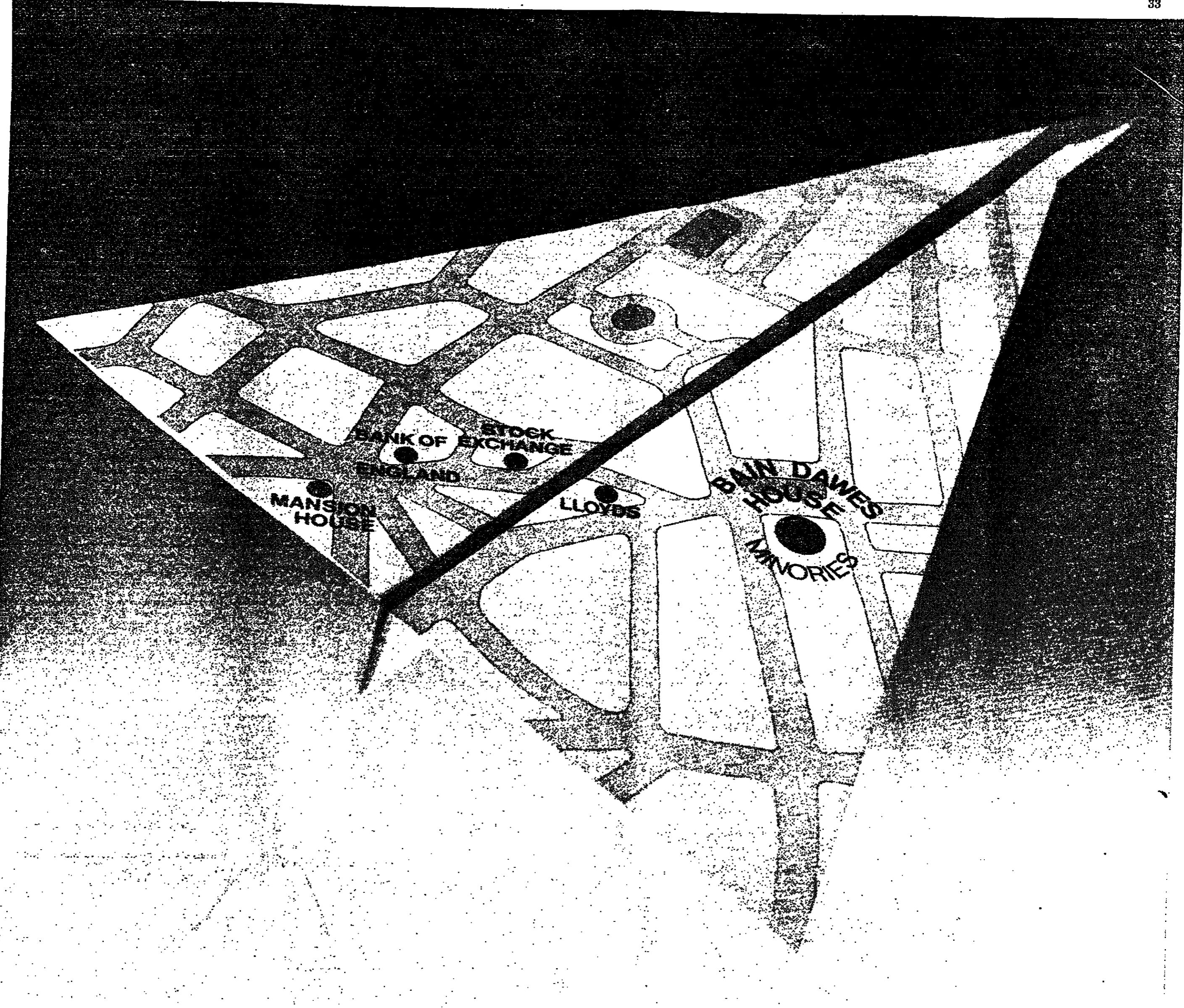
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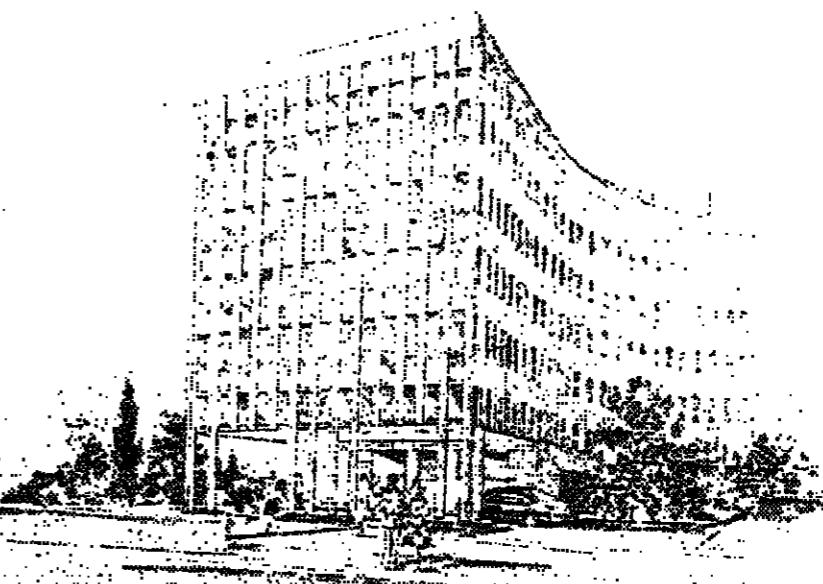
# Setting off in new directions comes naturally to Bain Dawes.

The exploration and development of improved techniques to meet our clients' insurance needs is, for Bain Dawes, a continuous process. So, too, is the extension of our network of offices across the world.

Nearer home, Bain Dawes is moving into new headquarters in London at 15 Minories, a dart's glide

from Lloyd's, the leading insurance companies and the City markets.

By giving us a modern building with the most up-to-date facilities, this move will enable us to provide an even better service in the 1980s, and beyond.



**Bain Dawes**  
*International Insurance Brokers*

Bain Dawes Ltd., Bain Dawes House, 15 Minories, London EC3N 1NJ. Telephone 01-481 3232 Telex 8813411

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## Currency, Money and Gold Markets

## Dollar weak: D-mark strong

Basic sentiment in the dollar was slightly unaffected by the recently announced revaluation of the West German mark within the European蛇. The success of the U.S. authorities in completing the Energy Bill was seen as only the tip of the rest of the iceberg was the revaluation of the D-mark. The dollar was fixed at DM1.3700 against DM1.382 previously. News of the U.S. energy package helped the dollar's trade position. Consequently the U.S. currency continued to decline after a slightly firmer start. Against the Swiss franc it fell to SwFr 1.5192, compared with SwFr 1.5265 on Friday. Earlier in the day it had touched SwFr 1.5340. The D-mark opened at DM 1.3600 and eased to DM 1.3675. The dollar weakness pushed the rate to DM 1.3800 and a closing rate of DM 1.3820 against the DM 1.3800 previously. This was despite intervention by the Swiss and German central banks. Using Morgan Guaranty figures at noon in New York, the

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calculated by the Bank of England, improved to 82.2 from 82.1, having stood at 82.0 at noon and in early dealing.

FRANKFURT—The dollar was fixed at DM1.3700 against DM1.382 previously. News of the U.S. energy package helped the dollar's trade position. The market greeted the measure with limited enthusiasm but still kept one eye on the more fundamental problems affecting the U.S. economy.

AMSTERDAM—The dollar was fixed at Fr 12.0385 compared with Friday's fixing of Fr 12.0215.

The new intervention rates were set at Fr 105.8600-110.8850 per DM 100.

DM 1.3775. The dollar weakness pushed the rate to Fr 109.30 per DM 100 in early trading and eased to Fr 109.10 around mid-day, well within the upper intervention point.

MILAN—In the aftermath of the D-mark's revaluation, the dollar was fixed sharply higher against the lira at 19.35 compared with 18.95 previously.

VIENNA—The Austrian schilling was delayed by 1 per cent against the D-mark, which means after the D-mark's readjustment, a revaluation of 1 per cent against the Belgian and Dutch currencies and a 3 per cent revaluation against the Norwegian and Danish currencies. The schilling was compared with 73.95 per 100 D-marks compared with 73.75 on Friday.

TOKYO—The U.S. dollar at Y183.15 against the yen, down from Friday's level of Y186.76. Its poorer performance came ahead of Japanese trade figures for September which were widely anticipated as being larger than originally expected. Figures released after the close of trading on Friday showed a 1.9 per cent gain in exports and imports.

Sterling opened at 81.9785 and used on the initial basis of the dollar to 107.0000, although soon it had recovered to 81.9785.

is the dollar weakened so the pound touched 81.9800 and with U.S. centres echoing the sentiment in Europe, sterling closed at \$1.9883-10.883, a rise of 23 pence from Friday's close. While the pound was weaker against the D-mark at DM 3.6873 against DM 3.6950, it was firmer overall forward and swap trading and its trade weighted index as accounting for 8376m.

## THE POUND SPOT FORWARD AGAINST £

Oct. 18	Interv.	Day's spread	Close	One month	2 m.	Three months	6 m.
U.S. S.	81.9783-10.883	1.0885	1.0885	81.9783	81.9783	82.2	82.2
Canadian S.	104.2555-2.5150	2.5150	2.5150	104.2555	104.2555	104.2555	104.2555
Belgium F.	8.401.4112	4.22.43.43.43	4.22.43.43.43	8.401.4112	8.401.4112	8.401.4112	8.401.4112
Denmark K.	10.22.10.51	10.22.10.51	10.22.10.51	10.22.10.51	10.22.10.51	10.22.10.51	10.22.10.51
Port. Es.	10.25.10.25	10.25.10.25	10.25.10.25	10.25.10.25	10.25.10.25	10.25.10.25	10.25.10.25
Span. Pes.	103.25-140.25	140.25-140.25	140.25-140.25	103.25-140.25	103.25-140.25	103.25-140.25	103.25-140.25
Swiss Fr.	1.60-1.64	1.60-1.64	1.60-1.64	1.60-1.64	1.60-1.64	1.60-1.64	1.60-1.64
Austria Sch.	41.25-27.25	27.25-27.25	27.25-27.25	41.25-27.25	41.25-27.25	41.25-27.25	41.25-27.25
Swiss Fr.	1.60-1.64	1.60-1.64	1.60-1.64	1.60-1.64	1.60-1.64	1.60-1.64	1.60-1.64

Belgian rate is for convertible francs. For forward rates, see box below.

Forward rate for convertible francs on October 18 should have been 3.68-3.70.

DM 1.3700-1.3820. The D-mark opened at DM 1.3600 and eased to DM 1.3675. The dollar weakness pushed the rate to Fr 109.30 per DM 100 in early trading and eased to Fr 109.10 around mid-day, well within the upper intervention point.

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## AMERICAN NEWS

United  
Tech. in  
earnings  
upswing

By Our Own Correspondent

NEW YORK Oct. 16. UNITED TECHNOLOGIES, the diversified aerospace and industrial products group currently in the process of a \$1bn takeover bid for Carrier Corporation, today announced a 24 per cent increase in third quarter income.

Earnings for the period increased from \$50.6m. or \$1.09 a share, to \$62.6m. or \$1.20 a share.

Sales over the same period rose 15 per cent to \$1.5bn.

For the first nine months of the year, net income is \$1m. or \$3.56 a share, up from \$16.4m. or \$3.18 a share, a rise of 18 per cent.

Sales for the nine months rose 11 per cent to \$4.6bn.

The company says that although the third quarter figures include the results of Ambac Industries, which was merged into the parent in July, Ambac did not have a significant impact on the third quarter or nine months results.

The company's business order backlog increased by 35 per cent, it said, to \$7.3bn. compared with \$5.5bn. at the same stage last year.

Burlington  
Northern  
recovery

By Our Financial Staff

A RECOVERY at Burlington Northern, the transportation and natural resources company, has provided third quarter profits per share of \$1.07 against a loss of \$0.28 in the same period last year. A net profit of \$25.5m. was returned for the quarter against a loss of \$1.9m. a year ago, with sales up to \$60.1m. against \$27.1m.

Over the nine month period profits per share have risen to \$7.07 against \$4.28, with net profits up to \$84.45m. from \$56.54m. Sales have increased only marginally to \$1.69bn. against \$1.65bn.

Burlington's improved performance follows the agreement, earlier this year, to acquire Hart Motor Express of St. Paul, and to merge it into its own trucking subsidiary, BN Transport. The company also runs a transcontinental railway and a freight forwarding service.

## American Airlines well ahead after nine months

BY JOHN WYLES

THE extraordinary profits surge enjoyed by the U.S. airline industry this year has continued during the third quarter, on the evidence of a 71 per cent increase in net income announced by American Airlines today.

As the first airline to report on the quarter, American's success is unlikely to have been atypical. With most of the airline reporting revenue passenger miles more than 20 per cent higher than in 1977, airlines like Delta and Continental, which have modernised and more efficient fleets may have fared even better.

American's load factor—the

proportion of total seats filled—was around 6 per cent higher during the quarter than in the same period last year, and the impact on profits has been dramatic. While revenues from the quarter rose 18 per cent to \$7.7m. to \$7.2m. Net income rose 71 per cent to \$2.04m. per share, from \$827m. or \$1.74 per share. As a result, nine months earnings have risen from \$82.5m. or \$2.07 a share to \$127.08m. or \$2.14 a share. Revenues rose 17 per cent to \$1.76bn. to \$2.07bn.

American's results confirm that 1978 profits for the 10 trunk airlines plus Pan American

NEW YORK, Oct. 16

world Airways will substantially exceed last year's record \$630m. Many analysts would not be surprised to see aggregate net income of more than \$1bn. which is one reason why airline stocks have outperformed the stock market much of the time. Profits of this quality will put the industry in a much stronger position than anticipated to modernise its fleets and thereby increase its efficiency. U.S. Airlines' results confirm that American's results confirm that 1978 profits for the 10 trunk airlines plus Pan American

Cleveland  
Cliffs to  
buy drilling  
contractor

By David Lascelles

NEW YORK, Oct. 16. CLEVELAND CLIFFS Iron Company, one of the country's largest iron ore producers, has embarked on a major diversification programme into the field of oil and gas drilling.

In a deal worth about \$60m., the company is to buy an Tiger Oil, a largely privately-owned oil and gas contract drilling company based in Houston. The deal involves the purchase of 4.45m. Tiger shares from Mr. Edward Davis, owner of 95 per cent of the company, for \$57m. or \$12.33 a share. The remaining 250,000 shares would be bought from minority shareholders at the same price.

Mr. Samuel Scovil, president of Cleveland Cliffs, said the proposed acquisition "represents a major step in our diversification efforts. We are continuing to investigate other areas, particularly in the energy fields as an extension and potential diversification of the company."

Cleveland Cliffs, based in Ohio, manages 13 per cent of North American iron ore production, and is also involved in Australian ore. The company's other interests include Great Lakes cargo transport, forestry product and mineral exploration.

Tiger Oil is engaged in U.S. oil and gas exploration and owns a number of land and barge drilling rigs.

Third quarter rise at  
Manufacturers Hanover

BY STEWART FLEMING

SPURRED ON by a marked increase in domestic business loans and widening interest margins, period of 1977.

The bank says that the net, Manufacturers Hanover, the fourth largest U.S. commercial bank, today reported a 21.8 per cent increase in after-tax operating earnings for the third quarter.

The sharp rise is in line with increases being reported by other major banks, although Manufacturers Hanover is placing considerably more emphasis on its U.S. business loan volume as a factor in the profits increase than most other New York banks have been doing.

For the quarter, the bank's after-tax operating earnings increased to \$47.6m. or \$1.48 a share from \$30.9m. or \$1.27 a share.

The bank reported an increase of \$4.75m. campaign in the third quarter provision for and total net of \$12.1m. possible loan losses from \$17.5m. to \$21.1m. for the first three months of the year. loan from \$13.4m. deposits from \$13.4m. to \$17.5m. and earnings from \$13.4m. or \$4.19 a move in line \$27.3m. from \$24.1m.

## Sharp advance by Signal group

NEW YORK, Oct. 16

SHARPLY HIGHER third quarter earnings of \$117.4m. compared with \$72.7m. for the same period in 1977 to \$2.66bn. from \$2.2bn. in the period. Total earnings for 1977 nine-month period.

The company said the markets in which it is involved showed no signs of weakening. The largest contributor to the nine-month quarter, whereas per share earnings stood at \$2.15 compared with \$1.59m. in the quarter compared with \$1.35.

Earnings for the nine-month period exceeded those for the entire 1977 fiscal year. The per share earning of \$6.10 in the 1977 third present nine-month period had parred with \$3.66 in the same Agencies.

## CPC International increase

BY OUR FINANCIAL STAFF

CPC INTERNATIONAL, the Mr. James W. McKee, president and chief executive officer, said net income rising by 40 per cent to

quarter earnings of \$1.61 a share current indications were that the \$52.8m.

amounted to \$1.0m. with net

income rising by 40 per cent to

quarter earnings of \$1.61 a share

against \$1.29 in the previous

year. Net income rose to \$33.13m.

against \$22.91m. while sales went up to \$223.5m. compared with \$171.9m. in 1977.

Over the nine-month period, net earnings per share have risen to \$4.13 against \$3.87, while income rose to \$88.21m. against \$81.89m. on sales of \$56.54m. Sales have increased only marginally to \$1.69bn. against \$1.65bn.

The company, which has substantial interests in Europe, said that currency exchange gains totalled \$3.1m. during the last nine months against improvements of \$2.2m. for the same period a year ago.

Commenting on the results, Studebaker-Worthington

Studebaker-Worthington, the

transport equipment and

electronics manufacturer, made

net profit for the third

quarter of \$2.44 a share compared

with \$1.72. Agencies report from New York. Total net was \$17m. against net profit from continuing operations of \$13.9m. In last year's third quarter, a \$1.19m. gain from discontinued operations made the final net profit figure \$15.1m. or \$1.87 a share. Sales increased to \$343.9m. from \$277.6m. in the European sales last year

## Price-fixing fines

A U.S. judge has fined four corrugated-box manufacturers a total of more than \$1.2m. after they pleaded no contest to charges of price-fixing conspiracy. AP-DJ reports from Houston. The companies involved were International Paper, Boerner Walder Corporation, Alton Box Board Company and Consolidated Packaging Corporation. The companies are among nine named in a felony indictment.

An additional five companies

were indicted on similar mis-

demeanour charges. Stone

Container and Boise Cascade

earlier pleaded no contest to

misdemeanour charges and have been fined the maximum of \$50,000.

MEXICANOS manœuvre the rising volume of were technical difficulties, expected to reach one loading on 300,000 barrels a day by 1980. As a result, crude for Spain, which is rapidly that it has decided to build a size and depth of the new port at Dos Bocas, a few kilometres down the south east coast of Pajaritos in the state of Tabasco where most of Mexico's current 1.4m. b/d are produced.

Up until now, all shipments of Pemex's crude oil exports—running at around 500,000 barrels a day this year compared to an average of 202,000 b/d last year

have left from the port of too narrow, only allowing entry of small and medium ships up to 60,000 tonnes. Last month there

it is increasingly difficult to

load up by a 13-strong committee.

The companies are ready to

bring forward the opening of when the laws are presented on put up \$100,000 each in bonds. Due to

several months to January 1. The state legislature does not large broker participation.

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Mr. Lewis said: "It is originally expected to start up by a 13-strong committee.

The prime mover is New York's insurance Superintendent, representing of the Lloyd's of London, who has been

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state legislature to pass is the estimated normal 45-day waiting period \$60m. to get going. Participants a stumbling block.

NY insurance plan may be speeded

BY OUR OWN CORRESPONDENT

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## FT INTERNATIONAL BOND SERVICE

The list shows the 200 latest international bond issues for which an adequate secondary market exists. For further details of these or other bonds see the complete list of Eurobonds on the second Monday of each month.

U.S. DOLLAR STRAIGHTS Issued Bid Offer day week Yield

AACI Dev. Br. 31 82 25 97 97 64 4.46

Australia S 82 330 96 96 61 61 9.29

BPFC 4.4 82 330 96 96 61 61 9.29

Finland S 82 330 96 96 61 61 9.29

Norway 2.7 82 330 96 96 61 61 9.29

SNCF 6.2 82 330 96 96 61 61 9.29

Sweden S 82 330 96 96 61 61 9.29

OTHER STRAIGHTS Issued Bid Offer day week Yield

BAT 8.8 82 330 96 96 61 61 9.29

Bayar Ltr. 8.8 82 330 96 96 61 61 9.29

Mits & Hope 7.8 82 330 96 96 61 61 9.29

CFCE 10.8 82 330 96 96 61 61 9.29

Citibank 6.0 82 330 96 96 61 61 9.29

Copenhagen 7.8 82 330 96 96 61 61 9.29

EBI 8.8 82 330 96 96 61 61 9.29

Elan 9.8 82 330 96 96 61 61 9.29

Export Development 5.6 82 330 96 96 61 61 9.29

Findland 8.2 82 330 96 96 61 61 9.29

Finland Ind. 8.2 82 330 96 96 61 61 9.29

GEFCO 10.8 82 330 96 96 61 61 9.29

GEFCO Ind. 8.2 82 330 96 96 61 61 9.29

Globe Ind. 8.2 82 330 96 96 61 61 9.29

Government 7.8 82 330 96 96 61 61 9.29

## INTERNATIONAL FINANCIAL AND COMPANY NEWS

## GERMAN BANKS IN LUXEMBOURG

## Agreement on disclosure near

BY MARY CAMPBELL, RECENTLY IN LUXEMBOURG

FTER years of negotiations, Ing via their Luxembourg subsidiary banks and their supervisory authorities are now close to an agreement on the extent to which German banking subsidiaries in Luxembourg should report on their activities. The substance of the agreement is that the German banks' subsidiaries in Luxembourg will not be part of the general part of the reports of their external auditors. The German banking authorities, giving the same information in many respects as their mother companies, would give in return German banks emphasis, however, that in no circumstance would any names of individual customers, or whatever size be mentioned in these reports. The information given is expected to include a break down of the maturity of assets and liabilities, uncovered foreign exchange positions and a breakdown on a country-by-country basis of the international lending.

Safeguarding Luxembourg's subsidiary were reported, showing that its balance sheet total throughout the negotiations and rose by 20 per cent to the extent to which German banks report to their authorities on their Luxembourg operations being required to report to the September 30. The operating profit was also the subject of tripartite debate for many years, business in all foreign financial centres not just Luxembourg, per cent of Deutsche Bank's Luxembourg is of particular interest to the German authorities. Luxembourg's claims are because the German authorities have a right to some information. The holding company which Deutsche Bank set up in Luxembourg the previous year and uses for warehousing international securities currently has holdings of some DM 320,300m and has not been substantially different in size during the last year. The holding company is financed by Deutsche Bank's Luxembourg subsidiary. The question of control by the German authorities of Luxembourg operations was one of the issues discussed at a Comptoir Financier Luxembourgeois SA rose by approximately 20 per cent in the year ended September 30, from DM 50m in 1977. AP-DJ reports from Luxembourg.

## Banca Catalana restructures

BY DAVID GARDNER

ATALONIA'S MOST important group of commercial banking interests based on the Banca Catalana is to initiate a process of gradual integration over the next six months. Although in line with the general trend towards consolidation throughout the Spanish banking system, the move is largely seen as a preventive measure against attempted takeovers. The Catalana group, put together by the family of Sr. Jordi Pujol, the leader of the Catalan nationalist minority in the Parliament, consists of the Banca Catalana, its industrial arm the Banco Industrial de Catalunya, and three smaller entities including the Banco de Barcelona. Up till now the structure of the group's equity had left it exposed to outside bids. In May, the Madrid-based Massa Group made a series of approaches to a number of individual shareholders, in an attempt to build up a sizeable holding in the Catalana group. A last-minute intervention by the Banca Catalana has denied that group would still remain vulnerable, particularly in view of the attractive prices being offered for Catalan banks by the "big seven" national banks this year.

The Banco de Santander for example has paid more than generously for two banks here in an attempt to acquire a regional shop window for its national operations. The new group will have gross deposits of some Pts 130m (US\$1.8m) in lending it just within reach of the national banks. It is believed that in the event of fusion, the group will retain the license of the Banco de Barcelona which would take over responsibility for a specialised area of the group's business. Pts 24bn.

## Vienna savings bank opens Milan branch

BY PAUL LENDVAI

VIENNA, Oct. 16. VIENNA'S largest savings bank, Zentralsparkasse der Stadt Wien, has recently opened a representative office in Milan, making it the first Austrian bank to enter the Italian market. The director general of the Zentralsparkasse, Dr. Karl Vak, said at the opening that the function of the Milan office will be the forging of contacts between companies, assistance in the setting up of subsidiaries in Milan or in Vienna, and support for the firms with regard to legal, tariff and transport blemishes.

His office is not allowed to engage in banking business and Vak added that the experience to be gained in Italy will help the bank to decide whether open further foreign offices. Austria's largest savings bank acts an intensification of the Italian trade. Italy is the largest market for Austria with a share of 9.1 per cent in aggregate exports but the Austrian share compared to Germany and Switzerland is relatively small. Furthermore, Austrian sales are concentrated in a handful of sectors: timber, iron-steel, food, meat and dairy products. There is ample scope for further expansion, Mr. Vak emphasised.

## Surge at Bouygues

French construction group Bouygues reports nearly doubled sales with a 25.18m (US\$18.5m) from 12.4m for the first six months of 1978, writes our financial staff. For the whole of the year, the company estimates sales will increase by 40 per cent to FFr 4bn.

## Austria's ski makers

THE case for more integration

ITC is not only the most winter Olympic games which exchange markets, particularly against the U.S. dollar, provides the basis for the emergence of the Austrian industry as number one in the highly competitive world of ski manufacturing. Output rose by 16 per cent in 1978 and last year jumped by 71 per cent to 2.5m pairs of winter sports articles, including over 1m complete ski sets and almost 1.5m pairs of ski and climbing boots per year. But the structure of the output was exported last year with earnings reaching an all-time high of Sch 1.7bn. Some 2m pairs of Alpine skis accounted for Sch 1.42bn. The largest European markets are Germany (Sch 400m) and Switzerland (Sch 270m) in the U.S. Austria won once again ranked as the largest international sold last year. The steady appreciation of World Cup races and the

## Generale Occidentale lifts net profits by 18%

BY OUR FINANCIAL STAFF

HIGHER PROFITS and dividends for the year ended June 30 are announced by Generale Occidentale, the French foods group in the UK as Grand Union. Sir James Goldsmith, after tax and minority interest, profits emerge at FFr 102.4m (US\$24.1m) compared to FFr 86.5m, a rise of 18 per cent. The dividend is going up from FFr 8.25 a share to FFr 10.5.

Parent company profits last year were almost doubled at FFr 41.2m, after tax, against FFr 21.5m. Half-way through the year the group reported a net profit of FFr 52.3m; there was, however, a comparative figure since this constituted the first occasion on provisions.

Setback for SBC fund

BY OUR OWN CORRESPONDENT

ZURICH, Oct. 16. A GROSS dividend of SwFr 11 per certificate is to be distributed by Intercontinental Trust, of Easle, for the year ended August. The investment fund, which is administered by the Swiss Bank to SwFr 43.6m against Corporation (SBC) affiliate SwFr 57.4m a year earlier, with Societe Internationale de Placements, recorded a fall in the form of shares and net profits from SwFr 13.79 to 20.5 (15.8) SwFr 11.80 per certificate in straight bonds.

## Lucas signs Iran deal

THE LUCAS Industries subsidiary Rists Wires and Cables has signed a technical and licence agreement with the Reza Manufacturing Company of Mashad, Iran National recently reached an for the manufacture of agreement to build about 100,000 vehicle electrical wiring Peugeot 505 models a year by the early 1980s and Rists also hopes Reza supplies all the wiring for its wiring systems will be used.

With some 250 separate companies producing ski equipment, the fragmented Austrian ski industry is ripe for a further round of rationalisation, argues PAUL LENDVAI writing from Vienna. This year currency influences are restricting selling prices, and earnings growth is lagging behind the increase in demand.

pairs of alpine skis worth gation within the industry. Moser-Proell, the greatest woman skier in the Austrian Fischer group and a share of 25 per cent of the Austrian market. Less than 10 years ago Mr. A. Rohrmoser, the owner only produced some 40,000 pairs. Evidently, the fact that Miss

## Demag's nine month sales rise by 9%

DUISBURG, Oct. 16.

SALES OF Demag AG, the heavy engineering arm of the Mannesmann group, are 9 per cent ahead for the first nine months of 1978.

Meanwhile, it has been announced that another regional bank, the Banco de Levante, had been acquired by the Liga Financiera. The Liga Financiera is a financial group in which the Garrigues family—one of whose members is the present Minister of Public Works, and another of which is the president of Ford Espanola and former Minister of Justice—has a controlling interest.

The Banco de Levante will be integrated with the Banco de Barcelona, founded five years ago and bought last year by the Liga Financiera. The new entity will have deposits worth Pts 24bn.

Less positive, with only a 1 per cent order rise, was the demand for standard products such as machine building and hydraulic products.

Last year, sales rose by 9 per cent to DM 2.32bn, largely due to Demag's export business. Overseas sales in 1977 rose by 10 per cent with domestic turnover moving ahead by just 2 per cent.

AP-DJ

## Swiss canton bank lending beyond limit

By John Wicks

ZURICH, Oct. 16. DUE TO THE granting of loans and guarantees beyond the permitted limit, the Nidwalden Cantonal Bank of Switzerland has run into difficulties. Its losses are put at several millions of Swiss francs.

Both the Canton of Nidwalden and the Association of Swiss Cantonal Banks have expressed their support for the troubled bank, which is next to the smallest of the Cantonal banks in Switzerland. The Cantonal Government is to guarantee the future operations of the bank.

Internal reserves of the bank are "either used up or at least heavily burdened," while published reserves of the bank are affected, according to an auditor's report. The bank whose headquarters are in Stans, is said to have unbacked guarantees and loans equal to more than the legal maximum of 50 per cent of own assets.

The bank's balance-sheet total fell sharply last year from SwFr 530.9m to SwFr 522.5m.

The outstanding guarantees and loans mainly concern two local manufacturing companies, to which the sums were granted in order to retain jobs.

## Elbit plans share issue

By L. Daniel

ELBIT COMPUTERS in which offer 2,621,269 registered ordinary shares to present shareholders by way of rights issue and Control Data Corporation a 51.2 per cent has presented a draft prospectus to the Israel Stock Exchange for a first issue of shares to the public.

The will consist of 11,250 registered ordinary shares of \$1 nominal value each and 640 registered ordinary shares of \$1.50.

In addition, the company will

## Canon warns of slight setback for full year

BY YOKO SHIBATA

CANON, the Japanese camera

and business machine concern, maintained a double figure growth rate in both consolidated profits and sales in the first half

of the year, although expanding at a substantially slower pace

than in 1977. For the full year, it expects a slight fall in profits.

Profits for the first half advanced by 10.8 per cent to Yen 4.9bn (\$25.5m), from the level

for the corresponding period

last year, on sales up 12.4 per

cent to Yen 105.3bn (\$56.5m).

Canon raised its consolidated net profit in 1977 by 33 per cent to Yen 34.1bn, and sales by 27 per cent to Yen 144.4bn. It is now looking for net income for 1978 of about Yen 23bn, though it expects sales to rise by 8 per cent to about Yen 210bn.

Profits per share in the first half were Yen 3.3, or 52 per cent

higher than on a non-consolidated basis. AEI camera. Its overseas

sales, such as foreign-currency denominated bonds, brought in six months were attributed to its sales overseas, exchange gains of Yen 5.5bn as the

which amounted to Yen 5.5bn for yen rose in value.

## Carpenter forecasts upturn

BY JAMES FORTH

CONTINUING PROBLEMS with property investments resulted in W. R. Carpenter Holdings, the island trader and diversified industrial group, earning only A\$335,000 (US\$391,000) in the year to June 30 compared with a record profit of A\$10.3m in 1977-78.

The result was after a report was provided at an equity profit of A\$6.5m, by the holding company subsidiary for realisation of real estate projects and doubtful debts, and follows a provision of A\$1.25m in 1976-77.

Without these provisions the trading profit still plunged 40 per cent, from A\$11.7m to A\$7.05m, reflecting losses in the apparel division and continued setbacks in the Fijian operations.

Despite the setback the ordinary dividend has been held at 11.5 cents a share, requiring an increase of A\$4.97m.

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## Oil ratios delay Aramco deal

BY OUR FOREIGN STAFF

SIGNING OF the agreement on fee, invest their risk capital in market conditions brought Saudi Arabia's 100 per cent takeover of Aramco—the Arabian oil crude. Saudi Arabia has not to 6.5m b/d, and though there American Oil Company—it has displayed much urgency over was a slight improvement in the working of Saudi regulations on companies would like it to be eight-month average of 6.9m b/d, compared to the expected oil journal, Petrol. The companies are entitled to 7m barrels per day, and are agreement and these may have reached in March 1978, but never to be recast, according to PIW. Saudi's stake in the company is to be increased from 60 to 100 per cent. The reducing annual exports of their concern over the ratios to the respective oil journal, Petrol. The companies are entitled to 7m barrels per day, and are agreement and these may have reached in March 1978, but never to be recast, according to PIW. Saudi's stake in the company is to be increased from 60 to 100 per cent. 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## WORLD STOCK MARKETS

## Wall St. falls 22 on interest rate worries

## INVESTMENT DOLLAR PREMIUM

\$2.60 to \$1.7916, (801%)

Effective \$1.9900 37c (371%)

FRESH WORRIES over rising rates coupled with disappointment about corporate earnings sent Wall Street into its steepest fall in almost four years in moderate activity yesterday.

The Dow Jones Industrial Average, after touching a low for the day of 843.89, closed at 832.02 down 2.79, its largest drop since November 18, 1974. The NYSE All Common Index retreated 1.13 to 857.80, while declines predominated over gains by 1,374 to 2,094. Trading volume picked up to 2,107,000 shares, the last Friday's low level of 21,925.

The Federal Reserve late last Friday increased its Discount Rate from 8 per cent to a record 8.5 per cent, raising the threat of a new tightening of credit policy by the Fed. A Prime Rate increased 10 basis points to 8.50 per cent spread through the banking industry on Friday. Investors are worried that rising interest rates will hurt economic expansion and possibly lead to a recession.

Analysts said traders were further disappointed when the Discount Rate boost failed to spark any new life in the dollar, which had been around 80 against the Deutsche Mark yesterday despite the realignment on the joint currency float in Europe.

The Federal Open Market Com-

mited mete today and analysts added 10 cents to yesterday's further results.

Investors showed disappointment that the tax Bill did not provide more relief, especially in the area of capital gains. They also indicated disillusionment with the Energy Bill, which was weaker than originally sought by the Carter administration. The disappointment sent many institutional investors to the sidelines.

Glamour and Blue Chip issues were especially hard hit. IBM, which introduced a new machine combining a computer and electronic keyboard, still fell 7.70 to \$27.90. Boeing, despite more than 747 jet sales lost 3.1 to \$85.50.

Du Pont receded 3.1 to \$18.22. Honeywell fell 2.1 to \$86.45 despite increased third-quarter profits. Smithkline and Johnson fell 3.1 to \$89.10. Johnson and Johnson 1.2 to \$88.20, and Merck 1.2 to \$82.10, to close unchanged at \$82.20 after higher third-quarter earnings.

Ramada Inns, the lending active, fell 2.12 to 21.20, while Caesars World declined 1.1 to \$41.10. The New York SE reduced margin requirements on both 30 and 90 per cent, announced last Friday, and fell 2.1 to \$27.30. Boeing, despite more than 747 jet sales lost 3.1 to \$85.50.

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The Federal Open Market Com-

## NEW YORK

Stocks moved sharply lower over broad front in another active business.

Analysts attributed the decline in the Bank Rate increase, announced last Friday, and noted that the market was due for a correction after setting a record for a fresh eight-year peak of 883.7.

The Toronto Composite Index, down 32.7 at 1,290.0 recorded its largest decline since November 16, 1976. Metals and Minerals fell 4.7 to 1,140.0. Oil and Gas 1,069.7, Golds 1,516.1, and Services 800.7.

Bank 5.73 to 302.26, Utilities 5.08 to 192.38, and Papers 2.46 to 1.53.

Alcan Aluminum fell 2.1 to 82.91, Pacific Petroleum CS 2.1 to 82.45, Falconbridge Nickel 2.1 to 82.45, Canadian Pacific 1.1 to CS22.1, and Canadian Pacific 1.1 to CS22.1.

Corning Glass reacted 2.1 to 80.1 and CPC International 1.1 to 82.2 in spite of improved third-quarter net profits. Flintkote, however,

SE Index advanced 1.77 to a 1978 peak of 438.11, while volume reached 400,000 shares.

Canon rose 1.1 to 1,483, benefiting from higher production, while also promising further gains.

Sanderling Broadcasting was a new exception, rising 2 to 824.1.

Viacom International has sweetened its bid for Sanderling to \$28 a share from \$25.50. Viacom, in the New York exchange, lost 11 to 82.6.

Toray gained 1.6 to 1,148. Full Photonics 1.1 to 1,043 and Nissan Motor 1.1 to 1,030.

Against the upturn, however, Chinon declined 2.9 to 1,110 and Victor of Japan 1.1 to 1,120.

Stocks closed mixed with gains holding a slight majority after below-average volume, following last week's lower tendency.

Brokers said a cut in the Call Money rate to 6.1 from 7 per cent had improved market sentiment.

It was felt that the fresh front of the market had been little affected by the effective revaluation of the Deutsche mark against the other snake currencies over the weekend.

Foods, Constructions, Mechanicals, Metals, and Oils were also slightly higher at the close, but Electricians, Chemicals, Public Services and Textiles were easier.

Significantly firmer were Chiers, Denain, Carrefour, Cie du Midi, Cofrafil, Generale d'Enterprises, Poelain, Moet Hennessy, Cite-Alcatel, and France Europe.

Kalti - Paris-France, Jeumont-Schneider, Nobel-Borel, Lyonnaise des Eaux, Sommer-Allhert and Imat.

Dealers said the revaluation of the Deutsche mark had not affected the European joint currency float and was not trading, and no downward trend could be noted among export-intensity issues.

Easier exceptions to the general upturn, however, occurred in Department Stores and Motors. In the latter sector, Daimler-Benz receded 1.1 to 1,120, and older.

Mercedes rose 1.1 to 1,130, while Deutsche Bank advanced DM 2, while Bayer led Chemicals ahead with a DM 1 gain. Siemens rose DM 2.5 in Electricals.

Public Authority Bonds recorded local gains, ranging in selling DM 0.5m nominal of paper, compared with last Friday's pur-

chases of DM 4.2m. Mark Foreign take-over bid by Peko-Wallsend, Loans were little changed in light gained 4 cents more to AS1.35 trading.

Paris ex the dividend, weakened by AS1.00 but Associated Concrete improved 5 cents to AS1.85 and Myer Emporium 3 cents to AS1.74 in mixed Banks. BNS Wales lost 6 cents to AS7.70.

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Significantly firmer were Chiers, Denain, Carrefour, Cie du Midi, Cofrafil, Generale d'Enterprises, Poelain, Moet Hennessy, Cite-Alcatel, and France Europe.

Kalti - Paris-France, Jeumont-Schneider, Nobel-Borel, Lyonnaise des Eaux, Sommer-Allhert and Imat.

Dealers said the revaluation of the Deutsche mark had not affected the European joint currency float and was not trading, and no downward trend could be noted among export-intensity issues.

Easier exceptions to the general upturn, however, occurred in Department Stores and Motors. In the latter sector, Daimler-Benz receded 1.1 to 1,120, and older.

Mercedes rose 1.1 to 1,130, while Deutsche Bank advanced DM 2, while Bayer led Chemicals ahead with a DM 1 gain. Siemens rose DM 2.5 in Electricals.

Public Authority Bonds recorded local gains, ranging in selling DM 0.5m nominal of paper, compared with last Friday's pur-

chases of DM 4.2m. Mark Foreign take-over bid by Peko-Wallsend, Loans were little changed in light gained 4 cents more to AS1.35 trading.

Paris ex the dividend, weakened by AS1.00 but Associated Concrete improved 5 cents to AS1.85 and Myer Emporium 3 cents to AS1.74 in mixed Banks. BNS Wales lost 6 cents to AS7.70.

Stocks closed mixed with gains holding a slight majority after below-average volume, following last week's lower tendency.

Brokers said a cut in the Call Money rate to 6.1 from 7 per cent had improved market sentiment.

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## FARMING AND RAW MATERIALS

## Tin soars as stockpile bid fails

BY JOHN EDWARDS, COMMODITIES EDITOR

TIN PRICES soared on the London Metal Exchange yesterday on the news that over the weekend the US Congress had failed to pass legislation authorising the release of 35,000 long tons of tin from the strategic stockpile.

Standard cash tin rose by £435—the biggest ever single daily increase—to close at the record price of £7,840 a tonne, after trading at over £7,900 earlier in the day.

The upward trend was accelerated by an unexpected large decline in tin stocks held in LME warehouses. The stocks fell by 176 tonnes, reducing total holdings to 1,340 tonnes—the lowest level since at least the early 1960s.

But again the influence on the market was the news that any move to obtain the release of surplus in the strategic stockpile will now almost certainly have to wait until the new Congress reassembles next year, after the November elections.

Traders had gone home on Friday evening fully expecting that the last-minute manoeuvring in Congress by the administration would secure authorisation for the release of stockpile tin—30,000 tons for sale to the market and 5,000 tons as the US voluntary contribution to the International Tin Council buffer stock.

The proposal for tin stockpile releases had been separated from other plans for the sale of stock, silver and the purchase of 50,000 tons of copper and 18,790,000 ounces.

U.S. state department officials to

principally Bill as a "sweetener" to persuade the Administration to accept a higher sugar support price for domestic growers.

In the event, the House of Representatives refused to stomach the proposed higher sugar price, and the tin stockpile legislation was rejected as a by-product.

They said the nations at the Geneva talks decided to call another meeting of the United preparatory group, possibly in early 1979, and that the various governments were urged to come to the ITC recommendation.

President Carter has until October 22 to decide whether relief should be granted to the U.S. copper industry and the form the relief should take.

Reuter

On Friday, tin prices fell sharply on the prospect of 35,000 tonnes of stockpile tin easing the shortage of supplies. So when this threat was removed yesterday, tin prices reacted quickly and violently, especially when the fall in warehouse stocks emphasised the present scarcity.

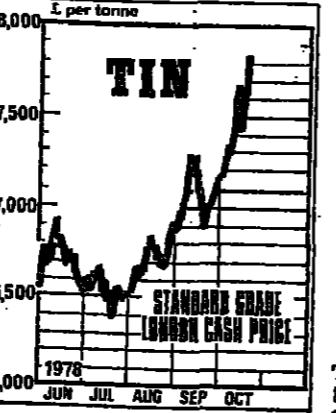
There was another heavy fall in copper stocks of 12,300 tonnes, cutting total holdings to a three-year low level of 407,700 tonnes. However, the stocks decline was not reflected in market forecasts and had to a large extent already been discounted.

The failure of the proposed U.S. stockpile buying of copper and general disinterest among buyers depressed the market and cash wirebars eventually closed £925 lower at £749.25 a tonne.

London metal price fell by £1.75, having reached £744.50 earlier after having reached £744 earlier.

Mbala Mabuza, Zaire's Minister of Mines and chairman of Cipeco, told a news conference here that the fall in copper export prices was due to meet U.S. State

Department officials yesterday to



## France backs legal action on UK fish

By David White

PARIS, Oct. 16.

THE FRENCH Government has taken Britain to the European Court of Justice over its unilateral conservationist fishing policy.

M. Louis de Guiringaud, French Foreign Minister, said today that France had written to the EEC Commission to this effect.

Speaking at a lunch of British and American journalists here, M. de Guiringaud denounced the fact that one EEC member was blocking the whole process of an accord on fishing rights, which had been agreed between the other eight.

Britain, he claimed, boycotted the Berlin meeting at which the remaining members formed a gentlemen's agreement to comply with the EEC Commission's fishing quota and conservation proposals for this year.

Denmark has already asked the Commission to take legal action against Britain over its restriction of fishing in the Norway point box.

A Commission official recently said he expected Britain would be taken to court over its fishing policy.

## NEW GROUNDNUTS EXPORT QUOTA

NEW DELHI, Oct. 16.

The Indian Government has allowed the additional export of 350,000 tonnes of groundnut extraction, an official said. The new quota is in addition to the 350,000 tonnes already allowed.

Reuter

## SUGAR MARKET

## U.S. Bill defeat cuts prices

BY RICHARD MOONEY

WORLD SUGAR prices fell of the International Sugar Agreement sharply yesterday as a result of the defeat of the proposed sugar bill in the U.S. Congress.

Sugar dealers on the world market responded by marking prices down. Yesterday morning, the London daily raw sugar price was £110 a tonne, £15 cents a pound guaranteed below Friday's level, and by the close the March position on the London futures market was quoted at £115.075 a tonne, down £7.10.

London market sources thought the fall was based mainly on "sentiment," however. They said the U.S. decision in no way altered the basic supply/demand situation and they doubted that any signatories to the Sugar Agreement would cover increases in total costs.

A joint House/Senate committee eventually came up with a stockpile fund would be

compromised its weight behind moves to take Britain to the European Court of Justice over its unilateral conservationist fishing policy.

This was accepted by the Senate but defeated in the House. The terms of the agreement but represented in the House would not have affected the market situation significantly.

Representatives informed market sources claimed, however, that "Yesterday's selling was seen as even if it had been passed by a disappointed reaction. Hopes of the U.S. signing the pact had encouraged the recent price rise effect."

The possibility of a new U.S. domestic sugar policy being introduced by the President was also raised. The outcome will also result in a long delay on ratification by the U.S. this was seen to have caused.

## Bumper year for Indian crops

NEW DELHI, Oct. 16.

INDIA'S BUMPER foodgrain harvest of 15.6m tonnes in 1977-78 was matched by peak production of several other crops, according to Government figures released here.

Record outputs were achieved for sugar cane, oilseeds, cotton and jute. Although the recent record crop in the previous three years had led to shortages and high prices

for edible oil, the recent record crop in 1977-78 was 8.53m tonnes compared with 8.38m tonnes in the previous year, and an average 8.5m tonnes over the period 1971-78.

Cotton production in 1977-78 was 7.1m bales (170 lbs each) compared with 5.54m bales in the previous year. The country is now self-sufficient in long-staple cotton and has a surplus

surplus available for export. But of short-staple cotton.

Since world prices are not favourable, earnings from exports will not match the level reached two years ago.

The bigger crop of oilseeds is being seen with more satisfaction. The failure of groundnut crops in the previous three years had led to shortages and high prices

for oilseeds production in 1977-78 was 8.53m tonnes compared with 8.38m tonnes in the previous year.

Total oilseeds production in 1977-78 was 8.53m tonnes compared with 8.38m tonnes in the previous year.

Record production of sugar cane in 1977-78 was 8.53m tonnes compared with 8.38m tonnes in the previous year.

India's bumper crop in 1977-78 was 15.6m tonnes compared with 15.3m tonnes in the previous year.

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## STOCK EXCHANGE REPORT

# Downturn continues on suggestions of price curbs

## Equity index above lowest at 494.6—Gilt fall again

Account Dealing Dates only 432 contracts were recorded compared with 646 last Friday.

\*First Dealing—Last Account Dealings from Dealings Day Oct. 2 Oct. 12 Oct. 13 Oct. 14 Oct. 16 Oct. 26 Oct. 27 Nov. 1 Oct. 30 Nov. 9 Nov. 10 Nov. 21

\*\* New time dealings take place from 9.30 a.m. two business days earlier.

Weekend suggestions that price curbs along with stricter monitoring by the Price Commission of companies which break the five per cent pay limit could form part of a compromise between the Government and unions on how to have a predictably dulling effect on stock markets yesterday.

The thought of re-imposition of price controls — quickly rejected by CBI Director-General Sir John McEwen — while Hambleton and its members of the investment enthusiasm and leading equities soon gave fresh ground. British Funds also extended their recent downturn, reflecting continuing anxieties about interest rate trends and doubts over the Government's funding programme.

At one stage, the industrial sector seemed especially drab, but with dealers reporting little genuine selling and only one or two of new positions in the start of a new trading account, the market held steady. After the official close of business, leading stocks rallied significantly as some of the positions taken out earlier were closed.

This was well illustrated in the final calculation of the FT Industrial Ordinary share index which registered a fall of only 1.8 at 494.6 after having been 5.2 down at the 2 p.m. count. Falls in all FT quoted industries, however, continued, helped by four-unit. Shares and other equities not troubled by the slowdown in September retail sales, the former being content to await today's interim results from Marks and Spencer. Trading announcements in general, much fewer than recently but occasional items aroused interest.

Still lacking in confidence and worried by interest rate possibilities, Gilt-holders securities edged lower in reduced trading. The longs closed around 1 lower but were improving in interoffer dealings, while the shorts trimmed similar falls to 1 and continued to rally after hours. Corporations were caught up with Friday's easiness in the main funds and recorded losses extending to a point.

Early selling of the investment currency helped it dip sharply to 78.5 per cent before recovering to 79.5 at the lower levels, helped by 70.5 per cent for a fall of 14 from Friday's close. Yesterday's SE conversion factor was 0.7316 (0.7282).

The generally dull conditions in equity markets tended to restrain activity in Traded Options and

Marks and Spencer became fairly active in front of today's interim results but closed without alteration at 83p. British Home, also with first-half figures due tomorrow, ended 5 at 204p. In Shares, Hambleton Horizons at 54p closed out with a Press-issued rise of 6.

Small selling in an unwilling market left Electricals with a string of small losses. Farnell, previously the best, fell 10p, while Tynne, 82p, and South St. Aubyn, 80p, held steady. Guinness Peat declined 5 to 230p among merchant banks and losses of 3 and 4p were registered in

Antony Gibbs, 51p, and Klenkow Benson, 84p.

Investments were also subdivided. Further small selling and lack of support prompted a fall of 10 to 80p. C. H. Best, while Hambleton and its members of the investment enthusiasm and leading equities soon gave fresh ground. British Funds also extended their recent downturn, reflecting continuing anxieties about interest rate trends and doubts over the Government's funding programme.

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Walls wanted

Secondary issues provided scattered features in Stores.

Weekend Press comment drew buyers' attention to Walls which improved sharply to touch a 1978 peak of 81p. Stores closing a net up of 80p, Peters rose 3 to 180p on buying of shares of Friday's preliminary results and Sambers hardened 2 to 162p on an investment recommendation. Having recently rejected bids from both Pentos and Lonsdale Universal, Midland Educational gained 5 to 225p on hopes of another offer.

Up Down Same

British Funds	6	11	11
Dom. & Foreign Bonds	2	22	22
Industrials	18	25	23
Financial and Pres.	29	22	23
Gilt	11	12	12
Plantations	7	11	12
Recent Issues	16	25	25
Totals	5	17	12
Up Down Same	221 1.0% 112		

Up Down Same

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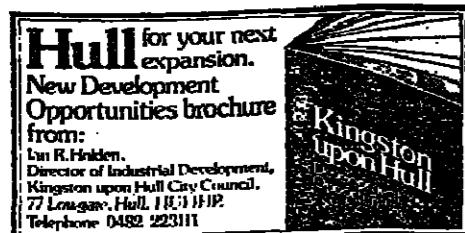
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## AUTHORISED UNIT TRUSTS

Abbey Unit Tr. Mgrs. Ltd. (a)		Franklin Unit Mgt. Ltd. (a)		Mitsubishi Fund Managers Ltd.		Provincial Life Inv. Co. Ltd. (a)		Save & Prosper continued		Target Tr. Nigrs. (Scotland) (a/b)		OFFSHORE AND OVERSEAS FUNDS	
24-26 Gloucester Rd., London W1	01-5865001	1-7, Ireland Yard, EC2R 4PS, SO1	01-5865001	St. George's Place, Arthur St., EC4	01-5865105	222, Bishopsgate, EC2	01-5478637	Scotlife Securities Ltd. (a)	19. Abel Creel, Edin. & Fin. J.	19. Abel Creel, Edin. & Fin. J.	19. King & Shaxson Mtrs.	King & Shaxson Mtrs.	King & Shaxson Mtrs.
Abbey Capital	345.7	37.5 - 0.5	42.2	Capital Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Abbey Income	411.7	64.4 - 0.5	42.2	Income Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Abbey Inv. Tr. (a)	345.9	69.2 - 0.5	42.2	Invest. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Abbey Inv. Tr. (b)	345.9	71.5 - 0.5	39.9	Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Abbey Inv. Tr. (c)	345.9	71.5 - 0.5	39.9	Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Allied Hamburg Grp. (a/mg)													
Almro Inc., Buxton, Buxton, Eng.	01-5862881 or Buxtonwood (0277) 211465												
Almro Fund													
Almro Inv. Fund													
Almro Inv. Tr. (a)	345.9	69.2 - 0.5	42.2	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (b)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (c)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (d)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (e)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (f)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (g)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (h)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (i)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (j)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (k)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (l)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (m)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (n)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (o)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (p)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (q)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (r)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (s)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (t)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (u)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (v)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (w)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (x)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (y)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (z)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (aa)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (bb)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (cc)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (dd)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (ee)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (ff)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (gg)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (hh)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (ii)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (jj)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (kk)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (ll)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (mm)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (nn)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (oo)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.95	3.95	1.00	1.00
Almro Inv. Tr. (pp)	345.9	71.5 - 0.5	39.9	Almro Inv. Fund	100.0	5.0	50.0	5.0	5.0	3.9			







# FINANCIAL TIMES

Tuesday October 17 1978



## FINAL TERMS COMPLICATED BY EXCHANGE CONTROLS

# Tate to sell S. Africa stake

BY ANDREW TAYLOR AND RICHARD ROLFE

**TATE AND LYLE** is negotiating the sale of its remaining major South African investment—the 51.6 per cent stake in African Products which it inherited with the takeover of Manbro and Garson in 1976.

The British sugar group is proposing to sell its holding to Anglo-American Industrial Corporation (AMIC), which itself holds a 25.4 per cent stake in African Products, the starch and glucose group.

Final terms have still to be agreed. Negotiations have been complicated by South African exchange controls which restrict the amount of cash an overseas company can take out

of the country when it makes a disposal.

The controls are exercised through the securities rand market. Tate said last night that it was negotiating on two fronts—with the South African Reserve Bank and with AMIC—to get the best terms possible for its shareholders.

An indication of a probable price came with a statement from the African Products board which said that minority shareholders were likely to be offered an offer for their stock at around the current market price of R89.80 a share.

At this price, the group is capitalised at R26m (£21m). This values Tate's share at

£10.8m. The British group has made it clear that it is only interested in the sterling sum it will raise from the deal. A spokesman said last night that the standard discount rate on the securities rand market was around 35 per cent.

If the sale goes ahead, Tate's sole remaining South African investment will be its wholly-owned Pure Cane Molasses Company, employing 57 people. Last year, Tate sold its 49 per cent interest in Illovo, the Sugar for R5m (£5.3m).

The Illovo deal was also affected by exchange controls. C. G. Smith Sugar paid 309 cents a share for the stake but

of this, Tate was only allowed to take 173 cents—around 56 per cent—out of the country at the normal exchange rate.

Tate denied yesterday that its proposed sale of another large slice of its South African business was for political reasons.

African Products which employs 586 workers of whom 320 are black with a further 120 as coloured, had pre-tax profits of £5.1m (£2.9m) last year. In the first half of the current year, the group's profits rose from £1.9m (£1.1m) to £2.2m (£1.3m).

South African disposals. Page 34

## Perry to change car lease terms

By Andrew Taylor

**HAROLD PERRY MOTORS** has been given a clean bill of health by the Inland Revenue over a disputed tax charge against its car leasing business during 1977, the company has revealed.

Mr. J. Forbes Macgregor, chairman and managing director of the group, says that Perry would be modifying certain aspects of its leasing terms.

The group's previous practice of selling cars—once the leasing agreement had run out—back to the businesses which had leased them, would be halted. These sales were carried through a third company, either a subsidiary or associate of the group.

Perry said last night that the practice had been necessary ahead of changes in leasing legislation in June last year when it was illegal to give rebates on the sale of the car back to the leasing customer.

The scheme was designed, says the group, to provide some benefits to the lessee from the then prevailing high rates of inflation which had sent second hand car values soaring. Under the current proposals the group will pay rebates to lessees.

Perry denies that there is any connection between the Inland Revenue's earlier dispute on the group's tax charge and the subsequent plans to change leasing terms.

Mr. Macgregor said that the Revenue had questioned whether cars for leasing in 1977 should have been classed as capital assets—for which the group would be eligible for tax relief—or as trading stock for ultimate sale, for which there is no relief.

He said that the Revenue after closely examining the terms of Perry's leasing agreements were satisfied that the cars had been correctly classified and that the group's tax charge of £212,000—as stated in the last annual accounts—was correct.

## Steel imports may rise with price policy change

By JOHN LLOYD

A FURTHER RISE in steel imports, already at record levels, is expected from a decision by steel stockholders to adopt a policy of recommended prices, replacing the earlier practice of mandatory minimum price.

The decision, by the National Association of Steel Stockholders, officially ends that association's attempts to impose a minimum based on the British Steel Corporation's list prices.

This resulted in stockholders buying large quantities of cheaper EEC and third country steels, which were up to 10 per cent cheaper than BSC products, while selling them at BSC list price levels.

In July import deposits were imposed on producers suspected of undercutting the guidance prices set by the Davignon Plan, an EEC programme for dealing with the steel crisis. This temporarily stemmed the inflow of some cheaper foreign steels.

There remains a significant

price differential between BSC Mr. William Richardson, BSC and Continental prices, especially in heavy steel sections, and the association's decision will have the effect of allowing the price of foreign steel to the consumer to come down, thus increasing demand for it.

The association appears to have taken the decision in part because of pressure from the consumers, who wanted the guidance prices of the price differential based on and of the fact that the attempt to base prices on UK rather than European price levels contravened the Treaty of Paris provisions.

The association's decision appears to have been taken in part because of pressure from the consumers, who wanted the guidance prices of the price differential based on and of the fact that the attempt to base prices on UK rather than European price levels contravened the Treaty of Paris provisions.

However, the corporation appears satisfied that the Davignon Plan is working generally in its favour.

Mr. Richardson said that the plan had allowed BSC to put through price increases that would not otherwise have been possible, and that "if there had been no Davignon Plan, the corporation's loss last year would probably have been 50 per cent higher."

**Records touched**

In the first half of this year imports of steel climbed to levels surpassing the 1973 records, around \$30,000 tonnes a quarter, up by about 100,000 tonnes on last year.

The British Steel Corporation is already concerned about the level of steel imports. Last week

## Cut in mortgage subsidy likely to affect 800,000 buyers

By EAMONN FINGLETON

NEARLY 800,000 home buyers are expected to face higher mortgage costs when plans to cut the Government subsidy for option mortgages are carried out.

Participants in the option scheme go for a specially subsidised interest rate, instead of tax relief on interest payments.

The scheme is designed for low income families who qualify for little or no tax relief.

The subsidy is geared to be equivalent to tax relief at the lowest rate and an adjustment is now overdue to reflect the introduction of the new 25 per cent tax band in the April Budget.

The subsidy currently stands at the equivalent of 34 per cent tax relief, which was the lowest rate of tax before the Budget.

The Department of the Environment has not yet decided on the new level of the subsidy but it is likely to be 25 per cent and 33 per cent, the main rate of tax most people pay.

In readiness for the cut, the Department has already outlined proposals for easier switching

between option mortgages and ordinary ones.

In a discussion paper which has been circulated to the Building Societies Association and other interested parties the Department points out that easier switching will be essential if the subsidy is cut.

This is because many participants in the option scheme have incomes sufficiently high to entitle them to tax relief mainly or solely at the 25 per cent rate.

But in most cases the anomaly is expected to disappear once the new lower option subsidy comes in.

Depending on the size of the new subsidy it may still pay some tax relief borrowers to switch to the option system. To accommodate them, the rules for switching from ordinary mortgages to options are also being relaxed.

The new Housing Bill is also expected to contain provisions to tighten the rules stopping people resident outside the UK from benefiting from the option subsidy.

Under the new arrangements that the subsidy is brought fully into line with the 25 per cent tax rate about 400,000 option borrowers would be better off by switching.

Home loans limit Page 8

## Namibia talks open in Pretoria

By QUENTIN PEEL

THE CRITICAL summit meeting between South Africa and the five Western member States of the UN Security Council to resolve the deadlock over the future of Namibia (South-West Africa) opened here today with both sides still firmly and publicly committed to their opposing viewpoints.

Officials kept a strict silence on the content of the first round of talks, which opened after news of 17 black civilian deaths in a landmine explosion on the southern Namibian border, where guerrillas are fighting South African troops.

Although the atmosphere was said to be conducive to compromise, the talks were not believed to have covered the main problem areas.

These include South Africa's determination to press ahead with elections in December without UN supervision.

This issue may be reached tonight, when the Western Ministers have dinner with Mr. P. W. Botha, the South African Prime Minister and Mr. R. F. (Pik) Botha while their advisers meet elsewhere.

While South Africa was expecting a full frontal assault by the Western Ministers, Mr. Cyrus Vance, the U.S. Secretary of State, the Foreign Ministers of Britain, Canada and West Germany, and the French Deputy Foreign Minister, the South African strategy appears instead to be concentrating on those issues where compromise may be relatively simple before tackling the most difficult problems.

Thus the first morning session at the Union buildings in the State capital was attended by Gen. Magnus Malan, Chief of the South African Defence Force, about its contents, though it was understood to be more than a mere expression of formalities.

## Tax staff vote to end dispute

By DAVID FREUD

A SPECIAL conference of the Inland Revenue Staff Federation yesterday voted overwhelmingly to end industrial action over a computer manning dispute.

The vote puts an end to Government fears that the action would be stepped up and about 7000 of pay-as-you-earn income taxmen due this week would be held up in the new computer collection centre in Cumbernauld, Scotland.

The 150 delegates at the conference, held in London,

approved a resolution for the resumption of normal negotiations with the Revenue to solve the issue.

The ending of industrial action means that federation members will no longer withhold their co-operation over the transfer of manual work to computers. This is likely to mean that the collection of corporation tax in the north can now be transferred to Cumbernauld.

A second computer centre, at

## Retail spending drops by 1%

By Peter Riddell, Economics Correspondent

SPENDING in shops in September fell back from the buoyant level of the previous two months, but was still much higher than earlier this year.

The Department of Trade

announced yesterday that the

index of the volume of retail

sales was provisionally esti-

mated at 110.5 (1971 = 100,

seasonally adjusted).

This represents a decline of

1 per cent of the average level

of the previous two months when

the payment of back-dated

income tax reductions appears

to have boosted sales.

The volume of spending last

month was still more than 3 per

cent higher than the average for

the first half of this year, and

67 per cent more than in Sep-

tember 1977.

The decline in spending in

September compared with the

previous two months was ex-

pected by the trade in view of

the past pattern whenever pay-

ment of tax rebates had led to

a temporary boost to sales—notably of durable goods.

However, the retail trade ex-

pects sales to pick up again in

November and December, with a

good Christmas, after the in-

crease in child and other social

security benefits next month and

the payment of a further stage of

hacked-back income tax cuts.

The Retail Consortium ex-

pects the volume of sales in real

terms this year to be about 5

per cent higher than in 1977,

approaching but probably not

exceeding the record level of

1973.

The rise in sales has been the

direct result of a rapid increase

in living standards of 7½ per

cent in the year to the second

quarter. This is officially ex-

pected to continue for the rest

of 1978.

Indeed, spending should con-

tinue to increase with the

prospect of a further, though

smaller, rise in real incomes in

the first half of the year.

There is anyway considerable

support for further buoyant retail sales

in the high level of the personal

savings ratio as households have

so far saved part of their tax cuts.

The recent buoyancy of retail

sales—accounting for roughly

two-fifths of all consumer spend-

ing—is shown by a rise in volume

of about 3 per cent between the

second and third quarters.

Trade in the first nine months